

Table 4B
2009 Pediatric Nutrition Surveillance ⁽¹⁾
Michigan
Comparison of Racial and Ethnic Distribution by County
Children Aged < 5 Years ⁽²⁾

Page: 1
Run Date: 4 / 13 / 10

Comparison of Racial and Ethnic Distribution								
County	Number Included in Analysis (3)	White, Not Hispanic %	Black, Not Hispanic %	Hispanic %	American Indian/Alaska Native %	Asian/Pacific Islander %	Multiple Races %	All Other / Unknown %
Alcona	212	92.9	0.0	2.4	0.0	0.0	4.7	0.0
Alger	220	87.7	0.0	0.5	0.0	0.5	11.4	0.0
Allegan	7,298	53.6	2.8	37.7	0.0	2.2	3.6	0.1
Alpena	875	92.5	0.6	2.1	0.0	0.0	4.9	0.0
Antrim	345	92.5	0.0	4.1	0.0	0.0	3.2	0.3
Arenac	594	93.8	0.0	1.9	0.0	0.0	4.4	0.0
Baraga	310	46.8	0.0	1.0	3.9	0.0	48.4	0.0
Barry	1,525	91.9	0.8	4.3	0.1	0.2	2.8	0.1
Bay	2,930	74.3	1.9	14.1	0.0	0.2	9.4	0.1
Benzie	511	81.4	0.6	12.5	0.2	0.0	4.9	0.4
Berrien	4,525	44.3	41.0	5.5	0.1	0.5	8.6	0.1
Branch	1,833	80.6	0.5	14.8	0.0	1.3	2.8	0.1
Calhoun	4,903	57.3	18.7	10.2	0.1	1.6	12.0	0.1
Cass	2,230	51.1	5.4	35.3	0.3	0.5	7.0	0.4
Charlevoix	642	86.3	2.0	3.0	0.6	0.2	7.9	0.0
Cheboygan	729	82.9	0.1	2.5	0.0	0.0	14.5	0.0
Chippewa	1,186	46.8	0.6	2.8	22.8	1.3	25.7	0.0
Clare	1,055	88.5	0.3	4.1	0.2	0.5	6.4	0.0
Clinton	1,041	82.5	2.3	9.4	0.2	0.4	5.2	0.0

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

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Comparison of Racial and Ethnic Distribution								
County	Number Included in Analysis (3)	White, Not Hispanic %	Black, Not Hispanic %	Hispanic %	American Indian/Alaska Native %	Asian/Pacific Islander %	Multiple Races %	All Other / Unknown %
Crawford	369	91.6	1.4	1.6	0.0	0.0	5.4	0.0
Delta	1,116	87.8	0.1	2.7	1.1	0.1	8.2	0.0
Dickinson	736	89.9	0.1	3.3	0.0	0.4	6.0	0.3
Eaton	1,837	82.5	3.9	7.1	0.0	0.5	5.9	0.1
Emmet	986	88.2	0.2	1.9	2.6	0.7	6.3	0.0
Genesee	12,363	50.7	41.5	3.3	0.0	0.3	4.3	0.0
Gladwin	783	98.0	0.3	1.0	0.0	0.0	0.8	0.0
Gogebic	427	80.8	0.5	2.6	5.4	0.0	10.8	0.0
Gr Travers	2,182	87.5	0.7	5.8	0.3	0.3	5.3	0.0
Gratiot	1,360	81.4	0.1	16.0	0.0	0.0	2.6	0.0
Hillsdale	1,461	93.9	0.2	2.7	0.0	0.0	3.1	0.0
Houghton	904	93.9	0.4	1.0	0.4	2.0	2.2	0.0
Huron	996	91.3	0.4	5.6	0.2	0.2	2.3	0.0
Ingham	7,602	37.1	26.9	21.2	0.1	3.8	10.9	0.0
Ionia	1,908	80.2	0.3	15.9	0.1	0.1	3.5	0.1
Iosco	606	91.4	1.2	4.3	0.0	0.0	3.1	0.0
Iron	362	88.4	0.0	4.1	0.0	0.0	7.5	0.0
Isabella	1,679	87.1	2.7	3.7	0.5	0.5	5.4	0.1
Jackson	5,315	66.1	11.8	9.3	0.1	0.4	12.2	0.0

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Page: 3
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Comparison of Racial and Ethnic Distribution								
County	Number Included in Analysis (3)	White, Not Hispanic %	Black, Not Hispanic %	Hispanic %	American Indian/Alaska Native %	Asian/Pacific Islander %	Multiple Races %	All Other / Unknown %
Kalamazoo	6,961	42.1	30.2	12.9	0.1	1.2	13.4	0.0
Kalkaska	570	90.9	0.2	3.3	0.0	0.2	5.4	0.0
Kent	21,629	34.8	19.0	36.3	0.1	1.6	8.3	0.0
Lake	354	63.8	13.3	3.4	0.0	0.0	19.5	0.0
Lapeer	2,590	72.1	0.7	20.1	0.0	0.1	7.0	0.0
Leelanau	293	45.7	0.3	34.5	7.8	0.7	10.9	0.0
Lenawee	2,369	67.6	0.9	24.7	0.1	0.1	6.5	0.0
Livingston	1,910	90.6	0.7	4.9	0.2	1.1	2.5	0.0
Luce	266	82.3	0.0	0.4	1.5	0.0	15.8	0.0
Mackinac	256	44.1	1.2	3.5	3.1	0.4	47.7	0.0
Macomb	12,466	60.5	19.3	7.0	0.1	3.1	10.1	0.0
Manistee	583	73.4	0.0	12.0	0.2	0.2	14.2	0.0
Marquette	1,509	85.2	0.5	3.0	0.4	0.1	10.7	0.0
Mason	949	75.0	0.1	15.5	0.1	0.4	8.9	0.0
Mecosta	1,289	86.3	3.3	2.4	0.0	0.1	7.9	0.0
Menominee	499	79.4	0.0	3.0	4.8	0.0	12.8	0.0
Midland	1,874	92.4	1.0	1.7	0.0	0.1	4.7	0.1
Missaukee	281	84.7	0.0	11.4	0.0	0.0	3.9	0.0
Monroe	3,410	80.0	4.1	7.8	0.0	0.4	7.3	0.3

(1) Reporting period is January 1 through December 31.

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Comparison of Racial and Ethnic Distribution								
County	Number Included in Analysis (3)	White, Not Hispanic %	Black, Not Hispanic %	Hispanic %	American Indian/Alaska Native %	Asian/Pacific Islander %	Multiple Races %	All Other / Unknown %
Montcalm	1,921	90.8	0.1	6.0	0.2	0.2	2.7	0.0
Montmorenc	235	97.4	0.0	0.4	0.4	0.0	1.7	0.0
Muskegon	7,288	52.8	24.9	12.1	0.2	0.3	9.8	0.0
Newaygo	2,011	76.1	0.4	20.1	0.1	0.0	3.2	0.0
Oakland	16,898	44.9	32.7	14.5	0.1	2.1	5.7	0.0
Oceana	1,282	46.4	0.2	50.2	0.0	0.1	3.0	0.1
Ogemaw	617	94.2	0.0	2.3	0.0	0.0	3.6	0.0
Ontonagon	155	92.9	0.6	3.9	0.0	0.0	2.6	0.0
Osceola	752	92.6	0.7	2.0	0.4	0.0	4.4	0.0
Oscoda	210	95.2	0.0	1.0	0.0	0.0	3.8	0.0
Otsego	870	94.1	0.5	1.1	0.1	0.0	4.1	0.0
Ottawa	2,744	86.0	1.2	7.3	0.0	0.5	5.0	0.0
Presque Is	267	91.0	0.0	1.9	0.0	0.0	7.1	0.0
Roscommon	623	94.1	0.0	1.3	0.2	0.5	4.0	0.0
Saginaw	7,091	36.3	38.9	19.3	0.0	0.3	5.1	0.0
Sanilac	1,186	90.0	0.3	7.1	0.1	0.1	2.5	0.0
Schoolcraf	272	66.2	0.0	1.5	4.4	0.0	27.9	0.0
Shiawassee	1,997	88.2	0.3	5.8	0.1	0.0	5.7	0.0
St Clair	3,977	75.1	4.3	8.4	0.1	0.4	11.7	0.0

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Comparison of Racial and Ethnic Distribution								
County	Number Included in Analysis (3)	White, Not Hispanic %	Black, Not Hispanic %	Hispanic %	American Indian/Alaska Native %	Asian/Pacific Islander %	Multiple Races %	All Other / Unknown %
St Joseph	2,618	68.7	3.2	23.5	0.0	0.2	4.4	0.0
Tuscola	1,612	90.4	0.4	6.7	0.1	0.1	2.2	0.0
Van Buren	3,061	51.1	4.8	38.0	0.1	0.0	5.9	0.1
Washtenaw	5,695	35.6	38.2	12.1	0.4	3.4	10.3	0.0
Wayne	59,540	25.1	56.6	12.7	0.1	2.5	3.1	0.0
Wexford	1,469	88.5	0.3	5.0	0.0	0.3	5.9	0.0
Unknown Counties	401	71.6	3.5	5.0	4.2	3.2	12.2	0.2
Michigan	260,806	51.9	25.5	14.4	0.3	1.4	6.5	0.0
Nation (Prior Year)	8,164,612	31.7	18.8	41.0	1.0	2.6	2.1	2.7

(1) Reporting period is January 1 through December 31.

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Table 5B
2009 Pediatric Nutrition Surveillance ⁽¹⁾
Michigan
Comparison of Age Distribution by County
Children Aged < 5 Years ⁽²⁾

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Run Date: 4 / 13 / 10

Comparison of Age Distribution				
County	Number Included in Analysis (3,4)	0 - 11 Months %	12 - 23 Months %	24 - 59 Months %
Alcona	212	34.9	20.8	44.3
Alger	220	29.1	21.8	49.1
Allegan	7,298	27.6	23.3	49.1
Alpena	875	27.3	25.9	46.7
Antrim	345	20.9	26.7	52.5
Arenac	594	24.1	22.4	53.5
Baraga	310	28.4	21.3	50.3
Barry	1,525	31.2	20.7	48.1
Bay	2,930	32.1	21.3	46.7
Benzie	511	25.8	24.1	50.1
Berrien	4,525	32.8	22.2	45.0
Branch	1,833	33.5	17.2	49.3
Calhoun	4,903	32.7	21.3	46.0
Cass	2,230	29.5	21.0	49.5
Charlevoix	642	28.0	20.6	51.4
Cheboygan	729	24.0	26.6	49.4
Chippewa	1,186	30.3	22.3	47.4
Clare	1,055	30.8	22.1	47.1

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Comparison of Age Distribution				
County	Number Included in Analysis (3,4)	0 - 11 Months %	12 - 23 Months %	24 - 59 Months %
Clinton	1,041	34.1	21.6	44.3
Crawford	369	32.0	26.3	41.7
Delta	1,116	30.3	22.3	47.4
Dickinson	736	25.1	22.6	52.3
Eaton	1,837	34.3	22.0	43.7
Emmet	986	27.9	24.4	47.7
Genesee	12,363	35.0	22.4	42.6
Gladwin	783	27.5	21.6	51.0
Gogebic	427	27.2	24.6	48.2
Gr Travers	2,182	27.5	25.1	47.4
Gratiot	1,360	30.6	20.7	48.8
Hillsdale	1,461	31.1	19.0	49.8
Houghton	904	31.6	19.8	48.6
Huron	996	30.9	20.3	48.8
Ingham	7,602	35.1	20.8	44.2
Ionia	1,908	29.7	23.3	47.1
Iosco	606	27.9	26.1	46.0
Iron	362	33.7	21.5	44.8

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Comparison of Age Distribution				
County	Number Included in Analysis (3,4)	0 - 11 Months %	12 - 23 Months %	24 - 59 Months %
Isabella	1,679	34.5	21.9	43.7
Jackson	5,315	31.2	23.0	45.8
Kalamazoo	6,961	31.8	21.9	46.4
Kalkaska	570	28.9	25.6	45.4
Kent	21,629	31.9	20.4	47.7
Lake	354	25.4	24.9	49.7
Lapeer	2,590	31.0	22.5	46.4
Leelanau	293	28.3	19.5	52.2
Lenawee	2,369	35.0	21.4	43.6
Livingston	1,910	30.4	25.9	43.7
Luce	266	23.3	29.3	47.4
Mackinac	256	18.8	24.2	57.0
Macomb	12,466	38.7	25.2	36.1
Manistee	583	25.7	26.2	48.0
Marquette	1,509	29.6	23.7	46.8
Mason	949	26.7	24.4	48.9
Mecosta	1,289	31.2	21.8	47.0
Menominee	499	31.7	22.0	46.3

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Comparison of Age Distribution				
County	Number Included in Analysis (3,4)	0 - 11 Months %	12 - 23 Months %	24 - 59 Months %
Midland	1,874	30.0	25.0	45.0
Missaukee	281	26.3	24.2	49.5
Monroe	3,410	34.4	23.2	42.4
Montcalm	1,921	30.9	21.3	47.8
Montmorenc	235	22.6	26.0	51.5
Muskegon	7,288	29.9	23.5	46.7
Newaygo	2,011	25.8	23.8	50.4
Oakland	16,898	35.9	20.7	43.4
Oceana	1,282	25.6	23.9	50.5
Ogemaw	617	31.9	20.4	47.6
Ontonagon	155	23.2	22.6	54.2
Osceola	752	31.1	19.7	49.2
Oscoda	210	31.9	16.2	51.9
Otsego	870	26.8	24.1	49.1
Ottawa	2,744	27.3	23.9	48.8
Presque Is	267	23.2	23.2	53.6
Roscommon	623	29.7	23.9	46.4
Saginaw	7,091	31.0	20.8	48.2

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2009 Pediatric Nutrition Surveillance ⁽¹⁾
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Children Aged < 5 Years ⁽²⁾

Page: 10
Run Date: 4 / 13 / 10

Comparison of Age Distribution				
County	Number Included in Analysis (3,4)	0 - 11 Months %	12 - 23 Months %	24 - 59 Months %
Sanilac	1,186	32.5	21.0	46.5
Schoolcraft	272	29.0	22.8	48.2
Shiawassee	1,997	26.8	24.5	48.6
St Clair	3,977	29.5	24.8	45.7
St Joseph	2,618	30.3	22.0	47.7
Tuscola	1,612	28.9	23.5	47.6
Van Buren	3,061	29.0	21.4	49.6
Washtenaw	5,695	36.3	20.5	43.2
Wayne	59,540	35.6	23.3	41.1
Wexford	1,469	30.0	22.8	47.2
Unknown Counties	401	32.4	24.4	43.1
Michigan	260,806	32.9	22.5	44.7
Nation (Prior Year)	8,164,612	35.8	23.0	41.3

(1) Reporting period is January 1 through December 31.

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(4) Records rejected if date of birth and date of visit unknown.

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Table 6B
2009 Pediatric Nutrition Surveillance (1)
Michigan
Comparison of Growth and Anemia Indicators by County
Children Aged < 5 Years (2)

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Run Date: 4 / 13 / 10

Comparison of Growth and Anemia Indicators (3,4)													
County	Birthweight (5)			Height and Weight							Anemia Low Hb/Hct (8)		
	Low		High	Short Stature (6)		Under- weight (7)	Obese (7)	≥ 2 Yrs Over- weight (7)					
	Number	% <2500 g (Rank)	% >4000 g (Rank)	Number	% <5th (Rank)	% <5th (Rank)	% ≥95th (Rank)	Number	% 85th- (Rank)	% <95th (Rank)	% ≥95th (Rank)	Number	% (Rank)
Alcona	49	* *	* *	205	2.9 (3)	2.9 (36)	10.2 (10)	93	* *	* *		119	7.6 (33)
Alger	46	* *	* *	219	4.1 (15)	2.3 (15)	11.0 (14)	110	22.7 (76)	16.4 (69)		144	10.4 (48)
Allegan	1,463	8.3 (35)	6.9 (22)	7,163	3.5 (7)	3.5 (54)	13.1 (45)	3,544	17.7 (49)	14.4 (42)		4,987	18.0 (72)
Alpena	207	12.6 (63)	10.6 (58)	852	7.7 (79)	3.6 (57)	12.2 (30)	403	19.9 (68)	14.4 (42)		538	10.2 (46)
Antrim	57	* *	* *	337	5.6 (40)	2.7 (30)	15.7 (72)	180	17.2 (42)	14.4 (42)		251	3.2 (4)
Arenac	97	* *	* *	582	6.0 (52)	3.3 (49)	14.3 (60)	313	22.4 (75)	16.3 (67)		431	5.6 (22)
Baraga	60	* *	* *	303	6.6 (68)	3.6 (57)	17.5 (82)	155	23.2 (78)	20.0 (77)		201	7.0 (30)
Barry	315	6.7 (14)	7.3 (25)	1,482	3.6 (8)	2.8 (35)	9.0 (6)	729	17.6 (47)	10.3 (7)		1,019	4.7 (15)
Bay	658	7.9 (30)	9.7 (51)	2,896	6.5 (64)	1.9 (6)	12.9 (42)	1,345	17.2 (42)	15.1 (56)		2,030	11.2 (51)
Benzie	96	* *	* *	508	4.9 (22)	4.5 (69)	12.6 (38)	260	14.6 (12)	14.2 (39)		341	6.2 (26)
Berrien	1,097	7.4 (25)	6.1 (10)	4,462	6.0 (52)	2.2 (11)	12.2 (30)	1,989	16.9 (37)	13.0 (25)		2,975	17.1 (68)

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Rank compares this county's rate to other counties. Rank 1 = best rate.

(5) Infants born during the reporting period included in the analysis.

(6) Based on 2000 CDC growth chart percentiles for length-for-age for children under 2 years of age and height-for-age for children 2 years of age and older.

(7) Based on 2000 CDC growth chart percentiles for weight-for-length for children under 2 years of age and BMI-for-age for children 2 years of age and older. 85th - < 95th percentile category identifies overweight children and ≥ 95th percentile category identifies obese children.

(8) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.

* Percentages and ranks are not calculated if < 100 records are available for analysis after exclusions.



Table 6B
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Children Aged < 5 Years (2)

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Comparison of Growth and Anemia Indicators												(3,4)	
County	Birthweight (5)			Height and Weight							Anemia Low Hb/Hct (8)		
	Low		High	Short Stature (6)		Under- weight (7)	Obese (7)	≥ 2 Yrs Over- weight (7)					
	Number	% <2500 g (Rank)	% >4000 g (Rank)	Number	% <5th (Rank)	% <5th (Rank)	% ≥95th (Rank)	Number	% 85th- (Rank)	% <95th (Rank)	% ≥95th (Rank)	Number	% (Rank)
Branch	409	5.6 (6)	8.3 (37)	1,809	6.5 (64)	3.3 (49)	14.9 (66)	880	19.1 (63)	13.9 (38)		1,173	8.1 (35)
Calhoun	1,096	8.1 (33)	8.1 (31)	4,824	5.8 (46)	3.1 (40)	15.1 (67)	2,213	16.8 (32)	15.5 (60)		3,352	13.7 (63)
Cass	454	6.8 (15)	8.6 (40)	2,187	5.5 (37)	4.7 (72)	13.6 (54)	1,062	13.3 (5)	13.7 (36)		1,543	29.2 (83)
Charlevoix	119	5.9 (8)	10.9 (59)	620	5.2 (32)	2.6 (25)	12.3 (33)	322	16.8 (32)	10.9 (9)		457	3.1 (3)
Cheboygan	145	4.8 (3)	11.7 (62)	721	5.0 (28)	3.6 (57)	15.3 (69)	359	14.5 (10)	20.1 (78)		518	10.2 (46)
Chippewa	283	7.1 (22)	10.2 (54)	1,165	5.7 (42)	3.2 (44)	12.8 (39)	547	16.8 (32)	13.0 (25)		794	9.1 (39)
Clare	243	6.6 (13)	5.8 (7)	1,034	5.7 (42)	3.1 (40)	13.8 (57)	485	21.2 (73)	13.2 (28)		706	7.4 (32)
Clinton	242	6.2 (10)	11.2 (61)	1,032	6.8 (71)	2.2 (11)	16.8 (79)	461	15.6 (17)	16.9 (72)		692	4.9 (16)
Crawford	97	* *	* *	366	6.6 (68)	1.1 (2)	10.4 (11)	151	24.5 (80)	13.2 (28)		239	13.4 (62)
Delta	262	8.8 (40)	8.8 (42)	1,099	6.7 (70)	1.9 (6)	12.3 (33)	526	16.3 (24)	12.7 (20)		731	1.4 (1)
Dickinson	160	9.4 (51)	8.1 (31)	731	6.2 (59)	1.2 (3)	11.2 (18)	379	17.2 (42)	13.2 (28)		482	4.4 (12)

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(4) Rank compares this county's rate to other counties. Rank 1 = best rate.

(5) Infants born during the reporting period included in the analysis.

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(7) Based on 2000 CDC growth chart percentiles for weight-for-length for children under 2 years of age and BMI-for-age for children 2 years of age and older. 85th - < 95th percentile category identifies overweight children and ≥ 95th percentile category identifies obese children.

(8) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.

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Table 6B
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Comparison of Growth and Anemia Indicators												(3,4)	
County	Birthweight (5)			Height and Weight							Anemia Low Hb/Hct (8)		
	Low		High	Short Stature (6)		Under- weight (7)	Obese (7)	≥ 2 Yrs Over- weight (7)					
	Number	% <2500 g (Rank)	% >4000 g (Rank)	Number	% <5th (Rank)	% <5th (Rank)	% ≥95th (Rank)	Number	% 85th- (Rank)	% <95th (Rank)	% ≥95th (Rank)	Number	% (Rank)
Eaton	425	5.9 (8)	8.7 (41)	1,814	4.7 (19)	3.9 (63)	12.5 (36)	790	19.2 (64)	13.4 (32)		1,181	4.2 (11)
Emmet	202	8.9 (41)	10.4 (56)	953	7.1 (74)	2.5 (22)	13.1 (45)	472	20.1 (71)	12.5 (18)		674	3.9 (7)
Genesee	3,122	10.7 (59)	5.0 (2)	12,107	6.0 (52)	4.1 (65)	13.8 (57)	5,169	16.4 (27)	13.7 (36)		7,949	21.3 (77)
Gladwin	160	10.0 (57)	8.1 (31)	772	6.1 (58)	2.5 (22)	13.5 (53)	390	12.3 (4)	16.2 (65)		553	9.6 (41)
Gogebic	85	* *	* *	418	6.2 (59)	2.4 (20)	12.2 (30)	197	14.2 (7)	14.2 (39)		297	3.4 (5)
Gr Travers	492	6.5 (12)	9.6 (50)	2,133	4.9 (22)	6.2 (81)	12.8 (39)	1,027	16.5 (30)	13.6 (34)		1,359	9.3 (40)
Gratiot	270	8.9 (41)	8.1 (31)	1,344	6.0 (52)	2.7 (30)	15.5 (71)	659	19.0 (62)	14.9 (55)		856	6.7 (29)
Hillsdale	297	6.4 (11)	6.4 (14)	1,451	5.9 (49)	3.6 (57)	12.3 (33)	725	19.9 (68)	14.5 (46)		1,035	4.0 (9)
Houghton	202	4.5 (2)	10.4 (56)	884	5.3 (33)	2.9 (36)	8.3 (3)	433	15.9 (20)	8.1 (3)		479	5.0 (17)
Huron	209	5.3 (5)	9.1 (43)	969	3.8 (10)	2.6 (25)	11.6 (23)	463	16.8 (32)	13.4 (32)		599	11.2 (51)
Ingham	1,825	8.0 (31)	7.6 (27)	7,479	5.4 (35)	3.1 (40)	13.1 (45)	3,312	16.9 (37)	14.6 (50)		5,011	9.9 (44)

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(4) Rank compares this county's rate to other counties. Rank 1 = best rate.

(5) Infants born during the reporting period included in the analysis.

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Comparison of Growth and Anemia Indicators												(3,4)	
County	Birthweight (5)			Height and Weight							Anemia Low Hb/Hct (8)		
	Low		High	Short Stature (6)		Under- weight (7)	Obese (7)	≥ 2 Yrs Over- weight (7)					
	Number	% <2500 g (Rank)	% >4000 g (Rank)	Number	% <5th (Rank)	% <5th (Rank)	% ≥95th (Rank)	Number	% 85th- (Rank)	% <95th (Rank)	% ≥95th (Rank)	Number	% (Rank)
Ionia	408	6.9 (17)	5.9 (8)	1,865	5.6 (40)	3.5 (54)	12.0 (27)	891	21.0 (72)	13.2 (28)		1,368	8.8 (37)
Iosco	135	8.1 (33)	7.4 (26)	591	5.9 (49)	5.2 (76)	11.8 (24)	275	20.0 (70)	11.3 (10)		384	15.4 (67)
Iron	92	* *	* *	355	5.4 (35)	3.4 (52)	11.5 (20)	159	14.5 (10)	11.9 (12)		232	3.0 (2)
Isabella	427	7.5 (27)	5.6 (4)	1,653	6.3 (62)	2.5 (22)	13.4 (50)	718	15.3 (15)	18.2 (75)		1,056	6.4 (28)
Jackson	1,181	8.5 (36)	6.3 (12)	5,216	4.8 (21)	5.5 (79)	10.8 (13)	2,394	17.6 (47)	12.6 (19)		2,546	9.8 (43)
Kalamazoo	1,507	10.9 (60)	6.4 (14)	6,835	5.1 (31)	5.2 (76)	14.5 (63)	3,172	16.9 (37)	14.5 (46)		4,681	22.8 (78)
Kalkaska	135	11.1 (61)	8.1 (31)	562	7.5 (78)	3.0 (39)	8.7 (4)	259	15.4 (16)	10.8 (8)		397	17.4 (71)
Kent	4,571	8.9 (41)	7.6 (27)	21,339	6.0 (52)	2.3 (15)	14.4 (62)	10,162	16.8 (32)	15.3 (57)		14,894	13.0 (60)
Lake	71	* *	* *	344	7.8 (80)	2.3 (15)	14.5 (63)	172	18.6 (59)	12.8 (23)		247	18.6 (74)
Lapeer	549	10.4 (58)	6.7 (20)	2,503	9.2 (83)	3.2 (44)	13.9 (59)	1,189	18.4 (57)	15.5 (60)		1,652	11.4 (55)
Leelanau	63	* *	* *	286	3.1 (6)	4.2 (66)	16.1 (74)	150	18.0 (53)	15.3 (57)		200	5.0 (17)

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(7) Based on 2000 CDC growth chart percentiles for weight-for-length for children under 2 years of age and BMI-for-age for children 2 years of age and older. 85th - < 95th percentile category identifies overweight children and ≥ 95th percentile category identifies obese children.

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Comparison of Growth and Anemia Indicators												(3,4)	
County	Birthweight (5)			Height and Weight							Anemia Low Hb/Hct (8)		
	Low		High	Short Stature (6)			Under- weight (7)	Obese (7)	≥ 2 Yrs Over- weight (7)				
	Number	% <2500 g (Rank)	% >4000 g (Rank)	Number	% <5th (Rank)	% <5th (Rank)	% ≥95th (Rank)		Number	% 85th- <95th (Rank)	% ≥95th (Rank)	Number	% (Rank)
Lenawee	519	9.2 (47)	6.4 (14)	2,288	4.9 (22)	4.9 (75)	13.2 (49)		984	17.8 (50)	16.7 (71)	1,296	7.6 (33)
Livingston	449	7.3 (24)	10.2 (54)	1,887	4.9 (22)	2.7 (30)	11.0 (14)		825	17.8 (50)	15.8 (62)	1,292	4.0 (9)
Luce	51	* *	* *	265	5.7 (42)	4.5 (69)	14.3 (60)		124	25.0 (81)	16.1 (64)	190	14.2 (64)
Mackinac	44	* *	* *	247	3.6 (8)	2.0 (8)	14.6 (65)		139	18.7 (61)	17.3 (74)	176	14.8 (66)
Macomb	3,641	9.6 (54)	5.7 (6)	12,283	5.8 (46)	2.1 (9)	13.1 (45)		4,447	16.1 (22)	13.0 (25)	7,710	17.2 (69)
Manistee	127	9.4 (51)	9.4 (46)	568	5.3 (33)	1.4 (4)	12.1 (29)		270	24.1 (79)	14.8 (53)	382	7.3 (31)
Marquette	362	7.2 (23)	8.3 (37)	1,438	3.8 (10)	1.7 (5)	13.7 (55)		686	21.3 (74)	14.4 (42)	862	8.4 (36)
Mason	212	8.5 (36)	8.0 (30)	922	6.8 (71)	2.7 (30)	12.9 (42)		455	19.3 (66)	16.3 (67)	644	11.0 (50)
Mecosta	314	5.7 (7)	8.3 (37)	1,274	4.9 (22)	3.2 (44)	9.5 (8)		598	16.4 (27)	9.7 (4)	861	11.8 (57)
Menominee	121	9.1 (46)	9.9 (52)	495	4.0 (14)	2.4 (20)	13.7 (55)		226	18.1 (55)	16.4 (69)	323	4.6 (14)
Midland	454	8.6 (39)	7.9 (29)	1,839	8.1 (81)	3.2 (44)	16.6 (78)		833	17.0 (40)	14.2 (39)	1,149	5.5 (21)

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Comparison of Growth and Anemia Indicators												(3,4)	
County	Birthweight (5)			Height and Weight							Anemia Low Hb/Hct (8)		
	Low		High	Short Stature (6)		Under- weight (7)	Obese (7)	≥ 2 Yrs Over- weight (7)					
	Number	% <2500 g (Rank)	% >4000 g (Rank)	Number	% <5th (Rank)	% <5th (Rank)	% ≥95th (Rank)	Number	% 85th- (Rank)	% <95th (Rank)	% ≥95th (Rank)	Number	% (Rank)
Missaukee	53	* *	* *	279	2.9 (3)	0.7 (1)	9.3 (7)	135	15.6 (17)	11.9 (12)		199	18.1 (73)
Monroe	837	8.5 (36)	9.1 (43)	3,356	7.1 (74)	2.1 (9)	13.0 (44)	1,427	16.5 (30)	14.5 (46)		2,130	10.1 (45)
Montcalm	414	7.0 (19)	6.3 (12)	1,899	5.8 (46)	2.2 (11)	11.5 (20)	907	18.4 (57)	11.8 (11)		1,308	5.3 (19)
Montmorenc	48	* *	* *	231	6.5 (64)	6.5 (82)	16.5 (77)	119	13.4 (6)	24.4 (81)		168	6.0 (23)
Muskegon	1,693	9.0 (44)	6.6 (19)	7,113	4.1 (15)	4.6 (71)	12.0 (27)	3,376	15.6 (17)	12.7 (20)		4,693	18.6 (74)
Newaygo	406	7.4 (25)	9.4 (46)	1,945	6.2 (59)	2.7 (30)	15.3 (69)	989	17.2 (42)	16.2 (65)		1,378	12.0 (58)
Oakland	4,150	9.3 (50)	6.7 (20)	16,576	5.5 (37)	3.1 (40)	11.4 (19)	7,182	15.9 (20)	13.6 (34)		11,040	14.2 (64)
Oceana	243	7.0 (19)	6.2 (11)	1,251	6.4 (63)	2.2 (11)	16.0 (73)	631	22.7 (76)	20.4 (79)		914	11.2 (51)
Ogemaw	146	4.1 (1)	15.8 (63)	603	4.6 (18)	2.3 (15)	16.3 (75)	282	18.1 (55)	19.1 (76)		391	10.5 (49)
Ontonagon	27	* *	* *	153	6.5 (64)	2.6 (25)	17.0 (80)	81	* *	* *		102	3.9 (7)
Osceola	170	9.4 (51)	10.0 (53)	737	4.9 (22)	4.3 (68)	9.8 (9)	363	15.2 (14)	12.7 (20)		518	22.8 (78)

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Comparison of Growth and Anemia Indicators												(3,4)	
County	Birthweight (5)			Height and Weight							Anemia Low Hb/Hct (8)		
	Low		High	Short Stature (6)		Under- weight (7)	Obese (7)	≥ 2 Yrs Over- weight (7)					
	Number	% <2500 g (Rank)	% >4000 g (Rank)	Number	% <5th (Rank)	% <5th (Rank)	% ≥95th (Rank)	Number	% 85th- (Rank)	% <95th (Rank)	% ≥95th (Rank)	Number	% (Rank)
Oscoda	47	* *	* *	209	7.2 (76)	2.9 (36)	13.4 (50)	111	18.0 (53)	15.3 (57)		134	6.0 (23)
Otsego	174	6.9 (17)	10.9 (59)	845	5.0 (28)	3.2 (44)	12.5 (36)	420	17.9 (52)	12.9 (24)		595	6.2 (26)
Ottawa	565	7.6 (29)	9.4 (46)	2,699	3.0 (5)	3.6 (57)	10.6 (12)	1,339	14.2 (7)	9.9 (5)		1,867	25.7 (82)
Presque Is	51	* *	* *	261	2.3 (1)	3.8 (62)	11.5 (20)	142	16.2 (23)	14.8 (53)		166	9.6 (41)
Roscommon	133	6.8 (15)	6.0 (9)	613	7.2 (76)	2.6 (25)	13.4 (50)	283	17.0 (40)	14.5 (46)		416	8.9 (38)
Saginaw	1,554	9.8 (56)	5.6 (4)	6,847	5.5 (37)	2.6 (25)	15.1 (67)	3,351	19.4 (67)	15.8 (62)		4,981	12.9 (59)
Sanilac	263	4.9 (4)	3.8 (1)	1,163	3.9 (12)	5.8 (80)	6.6 (2)	536	9.3 (1)	6.7 (2)		828	4.5 (13)
Schoolcraf	55	* *	* *	261	2.7 (2)	11.9 (83)	6.1 (1)	122	11.5 (3)	4.9 (1)		182	13.2 (61)
Shiawassee	424	9.0 (44)	6.4 (14)	1,943	3.9 (12)	5.2 (76)	12.8 (39)	952	16.3 (24)	17.0 (73)		1,374	3.5 (6)
St Clair	919	9.2 (47)	7.0 (23)	3,876	5.7 (42)	3.5 (54)	11.1 (17)	1,792	14.4 (9)	12.4 (16)		2,753	11.4 (55)
St Joseph	527	8.0 (31)	7.2 (24)	2,581	6.0 (52)	3.4 (52)	17.0 (80)	1,221	19.2 (64)	21.0 (80)		1,830	11.3 (54)

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Comparison of Growth and Anemia Indicators												(3,4)	
County	Birthweight (5)			Height and Weight							Anemia Low Hb/Hct (8)		
	Low		High	Short Stature (6)		Under- weight (7)	Obese (7)	≥ 2 Yrs Over- weight (7)					
	Number	% <2500 g (Rank)	% >4000 g (Rank)	Number	% <5th (Rank)	% <5th (Rank)	% ≥95th (Rank)	Number	% 85th- (Rank)	% <95th (Rank)	% ≥95th (Rank)	Number	% (Rank)
Tuscola	345	7.5 (27)	6.4 (14)	1,597	6.8 (71)	3.3 (49)	8.8 (5)	762	16.4 (27)	10.0 (6)		1,157	6.1 (25)
Van Buren	628	7.0 (19)	9.4 (46)	3,000	4.7 (19)	3.9 (63)	16.3 (75)	1,481	18.6 (59)	14.7 (52)		2,147	25.5 (81)
Washtenaw	1,392	9.6 (54)	8.2 (36)	5,561	4.2 (17)	4.2 (66)	11.8 (24)	2,419	16.3 (24)	12.4 (16)		3,603	23.3 (80)
Wayne	15,107	11.6 (62)	5.4 (3)	58,042	5.9 (49)	4.8 (73)	11.9 (26)	23,954	15.0 (13)	12.0 (15)		34,467	19.9 (76)
Wexford	305	9.2 (47)	9.2 (45)	1,446	5.0 (28)	2.3 (15)	11.0 (14)	690	17.2 (42)	14.6 (50)		1,044	17.2 (69)
Unknown Counties	91	* *	* *	335	8.4 (82)	4.8 (73)	18.2 (83)	151	10.6 (2)	11.9 (12)		244	5.3 (19)
Michigan	61,144	9.4	6.8	255,398	5.6	3.6	12.8	114,489	16.6	13.7		166,887	15.0
Nation (Prior Year)	1,909,620	9.0	6.4	7,107,000	6.0	4.5	14.1	2,943,996	16.5	14.8		4,916,523	14.9

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(5) Infants born during the reporting period included in the analysis.

(6) Based on 2000 CDC growth chart percentiles for length-for-age for children under 2 years of age and height-for-age for children 2 years of age and older.

(7) Based on 2000 CDC growth chart percentiles for weight-for-length for children under 2 years of age and BMI-for-age for children 2 years of age and older. 85th - < 95th percentile category identifies overweight children and ≥ 95th percentile category identifies obese children.

(8) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.

* Percentages and ranks are not calculated if < 100 records are available for analysis after exclusions.



Table 7B
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Comparison of Breastfeeding, TV Viewing, and Smoking in Household by County
Children Aged < 5 Years (3)

(2)

Comparison of Breastfeeding, TV Viewing, and Smoking in Household (4,5)												
	Breastfeeding (6)						Exclusive Breastfeeding (7)			≤2 Hours TV Viewing/Day (8)	Smoking in Household	
County	Number	% Ever Breastfed	Number	% Breastfed At Least 6 Months	Number	% Breastfed At Least 12 Months	Number	% Breastfed At Least 3 Months	Number	% Breastfed At Least 6 Months	Number	%
		(Rank)		(Rank)		(Rank)		(Rank)		(Rank)		(Rank)
Alcona	51	* *	49	* *	28	* *	39	* *	45	* *	91	* *
Alger	46	* *	35	* *	33	* *	15	* *	19	* *	96	* *
Allegan	1,533	65.3 (20)	984	18.6 (34)	1,243	8.9 (27)	668	12.1 (32)	821	5.6 (34)	3,723	84.2 (55)
Alpena	208	42.8 (61)	147	19.7 (30)	138	10.9 (12)	115	17.4 (15)	135	8.9 (10)	361	95.6 (3)
Antrim	57	* *	34	* *	57	* *	21	* *	23	* *	169	90.5 (13)
Arenac	98	* *	83	* *	91	* *	59	* *	62	* *	341	82.7 (63)
Baraga	58	* *	56	* *	46	* *	42	* *	54	* *	149	92.6 (6)
Barry	321	59.8 (39)	282	22.0 (22)	267	9.0 (25)	204	17.2 (16)	263	5.7 (32)	786	86.5 (45)
Bay	656	54.4 (49)	540	15.7 (46)	450	5.1 (53)	396	11.4 (35)	405	3.5 (46)	1,297	89.9 (20)
Benzie	96	* *	71	* *	65	* *	61	* *	64	* *	245	86.9 (40)
Berrien	1,099	45.3 (60)	786	16.0 (42)	772	9.2 (23)	521	10.7 (37)	686	4.7 (40)	2,154	76.1 (77)
Branch	411	59.1 (41)	280	22.9 (17)	229	10.0 (19)	259	14.3 (24)	265	8.3 (13)	958	83.6 (59)
Calhoun	1,103	49.0 (56)	834	12.8 (52)	780	4.5 (54)	698	8.2 (45)	787	3.6 (44)	2,405	88.0 (36)
											4,887	7.3 (30)

(1) Reporting period is January 1 through December 31.

(2) TV Viewing and Smoking in Household data are not reported by all contributors.

(3) Analyses based on one record per child.

(4) Excludes records with unknown data or errors.

(5) Rank compares this county's rate to other counties. Rank 1 = best rate.

(6) Infants born during the reporting period included in the Ever Breastfed analysis. Infants who turned 6 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 6 Months analysis. Children who turned 12 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 12 Months analysis.

(7) The analysis includes infants who were ever breastfed and who turned that age during the reporting period by/on their date of visit.

(8) Children aged 2 years and older included in the analyses.

* Percentages and ranks are not calculated if < 100 records are available for analysis after exclusions.



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Comparison of Breastfeeding, TV Viewing, and Smoking in Household by County
Children Aged < 5 Years (3)

(2)

Comparison of Breastfeeding, TV Viewing, and Smoking in Household (4,5)										
	Breastfeeding (6)			Exclusive Breastfeeding (7)			≤2 Hours TV Viewing/Day (8)		Smoking in Household	
County	Number	% Ever Breastfed (Rank)	Number % Breastfed At Least 6 Months (Rank)	Number % Breastfed At Least 12 Months (Rank)	Number % Breastfed At Least 3 Months (Rank)	Number % Breastfed At Least 6 Months (Rank)	Number % (Rank)		Number % (Rank)	
Cass	473	63.6 (27)	345 25.2 (11)	371 11.6 (10)	266 13.5 (27)	267 9.0 (8)	1,155 81.9 (66)		2,219 8.2 (37)	
Charlevoix	127	74.8 (3)	98 * *	83 * *	74 * *	84 * *	297 87.9 (37)		572 8.0 (36)	
Cheboygan	145	66.2 (18)	108 23.1 (16)	113 7.1 (37)	73 * *	74 * *	338 89.1 (29)		640 6.9 (25)	
Chippewa	282	59.6 (40)	195 22.6 (20)	184 8.7 (30)	133 18.0 (12)	147 6.8 (24)	484 89.7 (23)		1,026 8.8 (42)	
Clare	243	51.4 (54)	194 10.8 (55)	174 4.0 (56)	141 9.9 (40)	165 3.6 (44)	538 86.8 (42)		1,055 16.4 (76)	
Clinton	242	68.2 (13)	211 22.7 (18)	181 13.8 (5)	141 19.1 (9)	186 4.3 (42)	498 86.7 (43)		1,037 5.4 (9)	
Crawford	97	* *	63 * *	66 * *	29 * *	38 * *	143 90.2 (18)		330 10.9 (63)	
Delta	262	57.3 (46)	188 20.7 (26)	158 10.8 (13)	117 15.4 (19)	130 5.4 (35)	485 93.0 (5)		994 6.8 (23)	
Dickinson	160	60.6 (36)	121 26.4 (8)	115 13.0 (7)	99 * *	110 10.9 (3)	320 90.9 (12)		626 5.0 (6)	
Eaton	434	69.4 (10)	371 25.9 (10)	333 9.6 (21)	299 15.4 (19)	344 7.0 (22)	858 86.2 (46)		1,835 5.4 (9)	
Emmet	212	75.0 (2)	119 22.7 (18)	125 10.4 (16)	63 * *	56 * *	436 91.3 (10)		854 5.6 (13)	
Genesee	3,180	42.8 (61)	2,515 9.4 (57)	2,025 3.3 (57)	1,837 6.9 (48)	2,040 2.8 (49)	4,953 81.2 (70)		11,349 7.2 (28)	
Gladwin	160	60.6 (36)	116 25.0 (12)	127 5.5 (50)	61 * *	85 * *	422 83.6 (59)		779 22.1 (82)	

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(4) Excludes records with unknown data or errors.

(5) Rank compares this county's rate to other counties. Rank 1 = best rate.

(6) Infants born during the reporting period included in the Ever Breastfed analysis. Infants who turned 6 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 6 Months analysis. Children who turned 12 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 12 Months analysis.

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Comparison of Breastfeeding, TV Viewing, and Smoking in Household by County (2)
Children Aged < 5 Years (3)

Comparison of Breastfeeding, TV Viewing, and Smoking in Household (4,5)														
	Breastfeeding (6)						Exclusive Breastfeeding (7)			≤2 Hours TV Viewing/Day (8)	Smoking in Household			
County	Number	% Ever Breastfed	Number	% Breastfed At Least 6 Months	Number	% Breastfed At Least 12 Months	Number	% Breastfed At Least 3 Months	Number	% Breastfed At Least 6 Months	Number	%		
	(Rank)		(Rank)		(Rank)		(Rank)		(Rank)		(Rank)			
Gogebic	85	* *	69	* *	76	* *	47	* *	65	* *	197	89.8 (21)	378	8.5 (39)
Gr Travers	495	82.2 (1)	360	34.4 (2)	348	16.4 (2)	246	26.8 (3)	322	10.2 (5)	934	88.3 (35)	1,961	5.1 (8)
Gratiot	299	60.9 (33)	186	20.4 (27)	191	13.1 (6)	134	13.4 (28)	149	6.0 (30)	710	93.1 (4)	1,352	6.1 (18)
Hillsdale	303	64.4 (22)	223	27.4 (6)	210	9.0 (25)	169	20.7 (7)	202	13.9 (2)	778	87.9 (37)	1,459	8.6 (41)
Houghton	204	74.5 (5)	163	36.8 (1)	134	15.7 (3)	133	30.8 (1)	148	14.2 (1)	423	97.9 (1)	844	1.9 (1)
Huron	211	52.1 (53)	165	15.8 (45)	131	6.9 (38)	131	13.0 (29)	146	1.4 (53)	451	92.5 (7)	906	7.5 (31)
Ingham	1,850	61.6 (31)	1,363	21.9 (23)	1,227	11.8 (9)	1,009	8.0 (46)	1,229	3.7 (43)	3,528	80.5 (72)	7,572	6.0 (17)
Ionia	405	64.2 (24)	281	14.9 (48)	335	7.2 (35)	164	20.7 (7)	239	7.5 (17)	958	95.8 (2)	1,901	9.0 (44)
Iosco	138	54.3 (50)	82	* *	99	* *	47	* *	63	* *	253	83.8 (56)	528	11.4 (68)
Iron	92	* *	70	* *	56	* *	52	* *	66	* *	133	91.7 (9)	308	7.1 (26)
Isabella	428	64.0 (26)	333	24.0 (15)	298	8.7 (30)	226	14.2 (25)	266	7.9 (15)	783	85.2 (51)	1,675	10.1 (57)
Jackson	1,187	57.4 (45)	1,051	17.6 (36)	975	6.6 (41)	812	9.1 (42)	1,005	5.1 (38)	2,583	82.9 (62)	5,295	8.5 (39)
Kalamazoo	1,529	57.6 (44)	1,184	22.3 (21)	1,191	9.3 (22)	907	12.1 (32)	978	6.5 (27)	3,454	72.6 (78)	6,955	8.8 (42)

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Comparison of Breastfeeding, TV Viewing, and Smoking in Household by County
Children Aged < 5 Years (3)

(2)

Comparison of Breastfeeding, TV Viewing, and Smoking in Household (4,5)									
	Breastfeeding (6)			Exclusive Breastfeeding (7)			≤2 Hours TV Viewing/Day (8)	Smoking in Household	
County	Number	% Ever Breastfed (Rank)	Number % Breastfed At Least 6 Months (Rank)	Number % Breastfed At Least 12 Months (Rank)	Number % Breastfed At Least 3 Months (Rank)	Number % Breastfed At Least 6 Months (Rank)	Number % (Rank)	Number	% (Rank)
Kalkaska	134	74.6 (4)	70 * *	101 8.9 (27)	25 * *	35 * *	240 90.4 (15)	520	15.4 (74)
Kent	4,613	61.7 (30)	3,907 24.2 (14)	3,405 10.2 (18)	2,961 8.7 (43)	3,299 6.0 (30)	11,028 85.7 (49)	21,561	4.9 (4)
Lake	71	* *	53 * *	50 * *	37 * *	51 * *	159 78.6 (75)	315	18.7 (79)
Lapeer	548	64.4 (22)	447 19.0 (32)	382 10.7 (14)	341 12.3 (31)	386 5.7 (32)	1,088 87.0 (39)	2,233	8.2 (37)
Leelanau	63	* *	30 * *	43 * *	13 * *	15 * *	135 89.6 (25)	266	7.1 (26)
Lenawee	591	61.4 (32)	472 20.1 (29)	404 7.2 (35)	354 11.3 (36)	422 3.1 (47)	1,046 85.5 (50)	2,248	5.6 (13)
Livingston	448	64.7 (21)	291 20.3 (28)	341 5.9 (46)	197 17.8 (13)	275 6.9 (23)	852 88.8 (31)	1,845	5.0 (6)
Luce	51	* *	48 * *	60 * *	28 * *	41 * *	113 90.3 (17)	235	6.8 (23)
Mackinac	44	* *	27 * *	42 * *	22 * *	26 * *	133 89.5 (26)	234	11.5 (70)
Macomb	3,653	53.0 (52)	2,416 18.0 (35)	2,307 6.5 (43)	1,959 10.4 (39)	2,043 4.4 (41)	4,446 81.9 (66)	11,607	5.9 (16)
Manistee	127	66.1 (19)	87 * *	96 * *	58 * *	71 * *	249 90.4 (15)	517	7.5 (31)
Marquette	362	66.6 (16)	236 30.1 (3)	224 12.9 (8)	200 24.5 (5)	222 8.6 (12)	627 91.1 (11)	1,291	5.4 (9)
Mason	213	58.7 (42)	136 16.2 (41)	169 8.9 (27)	83 * *	114 6.1 (28)	430 85.8 (48)	858	9.7 (48)

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Table 7B
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Comparison of Breastfeeding, TV Viewing, and Smoking in Household by County
Children Aged < 5 Years (3)

(2)

Comparison of Breastfeeding, TV Viewing, and Smoking in Household (4,5)										
	Breastfeeding (6)				Exclusive Breastfeeding (7)				≤2 Hours TV Viewing/Day (8)	Smoking in Household
County	Number	% Ever Breastfed	Number	% Breastfed At Least 6 Months	Number	% Breastfed At Least 12 Months	Number	% Breastfed At Least 3 Months	Number	% Breastfed At Least 6 Months
		(Rank)		(Rank)		(Rank)		(Rank)		(Rank)
Mecosta	315	62.9 (28)	218	21.6 (25)	207	9.2 (23)	178	19.1 (9)	194	9.8 (6)
Menominee	121	49.6 (55)	89	* *	86	* *	79	* *	194	89.2 (28)
Midland	452	70.4 (8)	271	24.7 (13)	300	9.7 (20)	155	29.7 (2)	243	9.1 (7)
Missaukee	54	* *	37	* *	50	* *	30	* *	34	* *
Monroe	837	54.8 (48)	680	16.6 (39)	612	5.7 (48)	525	12.4 (30)	624	6.1 (28)
Montcalm	413	62.5 (29)	324	19.1 (31)	287	6.3 (44)	205	14.6 (23)	268	6.7 (25)
Montmorenc	48	* *	29	* *	38	* *	31	* *	29	* *
Muskegon	1,699	48.2 (57)	1,104	13.6 (50)	1,280	5.4 (52)	841	9.4 (41)	945	2.6 (50)
Newaygo	410	69.0 (12)	233	18.9 (33)	309	6.8 (39)	154	23.4 (6)	213	7.5 (17)
Oakland	4,188	47.6 (58)	3,272	17.5 (38)	2,510	8.1 (32)	2,637	11.7 (34)	2,954	5.0 (39)
Oceana	248	66.5 (17)	194	28.4 (5)	174	14.9 (4)	140	15.0 (22)	156	9.0 (8)
Ogemaw	148	60.8 (34)	93	* *	97	* *	51	* *	64	* *
Ontonagon	27	* *	16	* *	19	* *	10	* *	15	* *

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2009 Pediatric Nutrition Surveillance (1)
Michigan

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Comparison of Breastfeeding, TV Viewing, and Smoking in Household by County
Children Aged < 5 Years (3)

(2)

Comparison of Breastfeeding, TV Viewing, and Smoking in Household (4,5)														
	Breastfeeding (6)						Exclusive Breastfeeding (7)			≤2 Hours TV Viewing/Day (8)		Smoking in Household		
County	Number	% Ever Breastfed	Number	% Breastfed At Least 6 Months	Number	% Breastfed At Least 12 Months	Number	% Breastfed At Least 3 Months	Number	% Breastfed At Least 6 Months	Number	%	Number	%
	(Rank)		(Rank)		(Rank)		(Rank)		(Rank)		(Rank)		(Rank)	
Osceola	171	70.2 (9)	118	14.4 (49)	120	6.7 (40)	93	* *	105	7.6 (16)	395	88.4 (34)	752	14.0 (73)
Oscoda	47	* *	30	* *	24	* *	24	* *	29	* *	96	* *	183	23.5 (83)
Otsego	187	67.4 (14)	143	21.7 (24)	132	10.6 (15)	95	* *	123	7.3 (20)	402	89.1 (29)	783	10.2 (59)
Ottawa	578	69.4 (10)	358	27.4 (6)	466	11.6 (10)	216	25.5 (4)	311	10.3 (4)	1,430	89.7 (23)	2,735	4.1 (2)
Presque Is	51	* *	28	* *	40	* *	23	* *	14	* *	126	90.5 (13)	229	21.0 (80)
Roscommon	133	70.7 (7)	132	15.2 (47)	124	8.1 (32)	81	* *	108	1.9 (52)	313	88.5 (33)	621	13.2 (72)
Saginaw	1,557	46.8 (59)	1,035	10.5 (56)	967	3.2 (58)	823	7.8 (47)	821	2.6 (50)	3,244	80.5 (72)	6,457	10.0 (55)
Sanilac	261	55.6 (47)	212	13.2 (51)	178	4.5 (54)	161	16.1 (18)	173	5.2 (37)	510	84.3 (53)	1,088	10.1 (57)
Schoolcraf	55	* *	46	* *	43	* *	30	* *	43	* *	120	86.7 (43)	246	18.3 (78)
Shiawassee	425	60.7 (35)	229	12.7 (53)	348	5.7 (48)	128	8.6 (44)	208	1.4 (53)	1,011	89.8 (21)	1,985	9.9 (52)
St Clair	918	53.4 (51)	713	12.5 (54)	741	5.8 (47)	457	10.7 (37)	607	5.3 (36)	1,776	85.2 (51)	3,705	11.0 (65)
St Joseph	533	60.2 (38)	420	17.6 (36)	439	5.5 (50)	345	13.6 (26)	338	8.0 (14)	1,330	82.2 (65)	2,618	7.8 (34)
Tuscola	346	58.1 (43)	199	16.6 (39)	260	10.4 (16)	113	17.7 (14)	149	6.7 (25)	732	83.7 (58)	1,486	9.2 (46)

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Table 7B
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Comparison of Breastfeeding, TV Viewing, and Smoking in Household by County
Children Aged < 5 Years (3)

(2)

Comparison of Breastfeeding, TV Viewing, and Smoking in Household (4,5)										
	Breastfeeding (6)			Exclusive Breastfeeding (7)			≤2 Hours TV Viewing/Day (8)		Smoking in Household	
County	Number	% Ever Breastfed	Number % Breastfed At Least 6 Months (Rank)	Number % Breastfed At Least 12 Months (Rank)	Number % Breastfed At Least 3 Months (Rank)	Number % Breastfed At Least 6 Months (Rank)	Number	%	Number	%
Van Buren	644	66.8 (15)	492 26.0 (9)	505 7.7 (34)	334 15.3 (21)	381 8.9 (10)	1,588	85.9 (47)	3,046	7.2 (28)
Washtenaw	1,400	64.1 (25)	1,057 29.8 (4)	871 17.3 (1)	820 16.3 (17)	862 7.5 (17)	2,553	81.2 (70)	5,577	10.9 (63)
Wayne	15,475	42.5 (63)	10,239 16.0 (42)	9,694 6.6 (41)	7,857 6.7 (49)	8,965 2.9 (48)	25,021	71.9 (79)	57,145	9.1 (45)
Wexford	304	71.1 (6)	237 16.0 (42)	225 6.2 (45)	186 18.3 (11)	224 7.1 (21)	664	90.2 (18)	1,339	9.9 (52)
Unknown Counties	95	* *	56 * *	52 * *	54 * *	51 * *	167	78.4 (76)	356	7.9 (35)
Michigan	62,038	53.5	44,879 18.5	42,347 7.8	33,662 11.0	38,570 4.9	117,932 81.6		250,058 7.9	
Nation (Prior Year)	1,719,083	62.0	848,761 26.9	1,038,203 19.1	144,421 12.9	206,416 7.2	744,697 74.8		3,277,352 10.9	

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(4) Excludes records with unknown data or errors.

(5) Rank compares this county's rate to other counties. Rank 1 = best rate.

(6) Infants born during the reporting period included in the Ever Breastfed analysis. Infants who turned 6 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 6 Months analysis. Children who turned 12 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 12 Months analysis.

(7) The analysis includes infants who were ever breastfed and who turned that age during the reporting period by/on their date of visit.

(8) Children aged 2 years and older included in the analyses.

* Percentages and ranks are not calculated if < 100 records are available for analysis after exclusions.



Table 6B
2007 - 2009 Pediatric Nutrition Surveillance (1)
Michigan
Comparison of Growth and Anemia Indicators by County
Children Aged < 5 Years (2)

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Comparison of Growth and Anemia Indicators												(3,4)	
County	Birthweight (5)			Height and Weight							Anemia Low Hb/Hct (8)		
	Low		High	Short Stature (6)			Under- weight (7)	Obese (7)	≥ 2 Yrs Over- weight (7)				
	Number	% <2500 g (Rank)	% >4000 g (Rank)	Number	% <5th (Rank)	% <5th (Rank)	% ≥95th (Rank)		Number	% 85th- <95th (Rank)	% ≥95th (Rank)	Number	% (Rank)
Alcona	132	7.6 (27)	8.3 (45)	609	4.8 (12)	3.1 (41)	12.3 (34)		270	15.2 (11)	11.9 (12)	375	9.3 (35)
Alger	114	4.4 (1)	9.6 (61)	636	4.2 (6)	2.0 (5)	14.3 (66)		307	22.8 (81)	16.0 (69)	404	8.2 (32)
Allegan	4,332	8.2 (40)	8.1 (38)	20,121	5.9 (36)	3.6 (48)	13.4 (52)		9,366	17.4 (46)	14.1 (42)	13,117	18.1 (72)
Alpena	553	9.9 (74)	7.8 (32)	2,430	7.6 (78)	2.9 (31)	15.5 (75)		1,101	18.0 (56)	14.5 (48)	1,576	11.8 (55)
Antrim	200	10.5 (77)	5.5 (4)	1,057	5.1 (16)	4.2 (65)	13.3 (50)		550	18.2 (57)	14.2 (45)	764	3.3 (4)
Arenac	322	7.1 (21)	9.0 (52)	1,735	6.7 (59)	3.1 (41)	14.8 (71)		894	20.9 (77)	17.1 (76)	1,200	4.8 (14)
Baraga	183	5.5 (4)	10.9 (76)	864	6.7 (59)	2.8 (27)	18.2 (83)		415	21.9 (80)	19.8 (80)	554	6.3 (25)
Barry	877	6.8 (14)	8.1 (38)	3,970	5.6 (25)	4.2 (65)	9.4 (5)		1,796	15.8 (16)	11.1 (8)	2,414	5.6 (19)
Bay	1,952	8.8 (56)	10.9 (76)	8,449	7.3 (72)	2.5 (15)	11.8 (27)		3,818	16.9 (35)	14.1 (42)	5,676	13.0 (57)
Benzie	281	9.6 (71)	10.3 (69)	1,512	5.7 (28)	4.6 (70)	13.6 (55)		755	15.4 (13)	15.0 (57)	1,014	6.4 (26)
Berrien	2,976	8.8 (56)	6.8 (14)	12,299	6.5 (53)	2.4 (14)	11.7 (25)		5,290	16.6 (31)	12.2 (15)	8,003	17.3 (70)

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Rank compares this county's rate to other counties. Rank 1 = best rate.

(5) Infants born during the reporting period included in the analysis.

(6) Based on 2000 CDC growth chart percentiles for length-for-age for children under 2 years of age and height-for-age for children 2 years of age and older.

(7) Based on 2000 CDC growth chart percentiles for weight-for-length for children under 2 years of age and BMI-for-age for children 2 years of age and older. 85th - < 95th percentile category identifies overweight children and ≥ 95th percentile category identifies obese children.

(8) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.

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Table 6B
2007 - 2009 Pediatric Nutrition Surveillance (1)
Michigan
Comparison of Growth and Anemia Indicators by County
Children Aged < 5 Years (2)

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Comparison of Growth and Anemia Indicators (3,4)												
County	Birthweight (5)			Height and Weight							Anemia Low Hb/Hct (8)	
	Low		High	Short Stature (6)			Under- weight (7)	Obese (7)	≥ 2 Yrs Over- weight (7)			
	Number	% <2500 g (Rank)	% >4000 g (Rank)	Number	% <5th (Rank)	% <5th (Rank)	% ≥95th (Rank)	Number	% 85th- <95th (Rank)	% ≥95th (Rank)	Number	% (Rank)
Branch	1,089	6.3 (8)	8.1 (38)	5,060	6.4 (49)	3.6 (48)	14.2 (61)	2,374	17.3 (44)	13.7 (36)	3,311	9.6 (37)
Calhoun	3,331	8.8 (56)	7.7 (27)	13,551	7.4 (75)	3.4 (44)	14.0 (58)	5,841	17.9 (53)	15.1 (59)	8,239	15.7 (65)
Cass	1,348	8.2 (40)	9.1 (54)	6,191	5.8 (30)	5.0 (75)	13.2 (46)	2,930	14.5 (6)	13.9 (38)	4,042	21.8 (77)
Charlevoix	374	7.8 (34)	7.8 (32)	1,890	5.8 (30)	3.8 (56)	13.4 (52)	948	17.6 (50)	12.4 (17)	1,370	4.1 (8)
Cheboygan	465	5.4 (3)	9.0 (52)	2,118	4.2 (6)	3.6 (48)	13.0 (41)	986	15.9 (18)	17.5 (77)	1,452	9.6 (37)
Chippewa	744	6.7 (12)	12.2 (81)	3,363	6.2 (45)	2.8 (27)	13.0 (41)	1,545	16.8 (33)	14.0 (39)	2,309	9.4 (36)
Clare	652	8.9 (63)	4.6 (2)	2,982	5.8 (30)	3.4 (44)	13.1 (44)	1,382	19.7 (69)	14.5 (48)	2,014	11.0 (51)
Clinton	708	6.6 (10)	8.5 (47)	2,983	6.9 (65)	2.5 (15)	14.2 (61)	1,298	18.2 (57)	15.5 (60)	1,950	6.5 (27)
Crawford	279	8.2 (40)	6.5 (10)	1,084	6.4 (49)	1.9 (4)	11.4 (20)	456	23.0 (82)	14.5 (48)	694	10.8 (48)
Delta	726	7.2 (24)	10.1 (65)	3,217	6.9 (65)	2.2 (10)	11.8 (27)	1,524	18.6 (62)	14.5 (48)	2,119	2.1 (1)
Dickinson	503	7.8 (34)	10.3 (69)	2,197	7.1 (70)	2.0 (5)	12.2 (32)	1,034	17.2 (43)	13.5 (32)	1,439	4.6 (12)

(1) Reporting period is January 1 through December 31.

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(4) Rank compares this county's rate to other counties. Rank 1 = best rate.

(5) Infants born during the reporting period included in the analysis.

(6) Based on 2000 CDC growth chart percentiles for length-for-age for children under 2 years of age and height-for-age for children 2 years of age and older.

(7) Based on 2000 CDC growth chart percentiles for weight-for-length for children under 2 years of age and BMI-for-age for children 2 years of age and older. 85th - < 95th percentile category identifies overweight children and ≥ 95th percentile category identifies obese children.

(8) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.

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Table 6B
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Michigan
Comparison of Growth and Anemia Indicators by County
Children Aged < 5 Years (2)

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Run Date: 4 / 13 / 10

Comparison of Growth and Anemia Indicators (3,4)												
County	Birthweight (5)			Height and Weight							Anemia Low Hb/Hct (8)	
	Low		High	Short Stature (6)			Under- weight (7)	Obese (7)	≥ 2 Yrs Over- weight (7)			
	Number	% <2500 g (Rank)	% >4000 g (Rank)	Number	% <5th (Rank)	% <5th (Rank)	% ≥95th (Rank)	Number	% 85th- <95th (Rank)	% ≥95th (Rank)	Number	% (Rank)
Eaton	1,212	7.7 (28)	9.5 (59)	4,914	5.9 (36)	4.0 (61)	11.4 (20)	2,042	18.5 (59)	13.3 (30)	2,840	3.9 (7)
Emmet	607	9.4 (68)	9.7 (63)	2,959	6.0 (41)	2.7 (24)	13.3 (50)	1,425	18.9 (65)	14.1 (42)	2,092	3.2 (3)
Genesee	9,207	11.2 (78)	5.4 (3)	35,266	7.9 (80)	3.7 (53)	13.1 (44)	14,331	15.8 (16)	13.1 (24)	22,081	23.4 (82)
Gladwin	462	8.4 (51)	8.0 (35)	2,277	6.3 (46)	1.8 (3)	14.4 (68)	1,125	17.1 (42)	15.5 (60)	1,600	14.4 (62)
Gogebic	300	7.0 (18)	11.0 (78)	1,224	7.3 (72)	2.2 (10)	11.0 (14)	547	18.6 (62)	12.2 (15)	750	4.3 (10)
Gr Travers	1,472	8.2 (40)	10.3 (69)	6,508	5.9 (36)	5.3 (80)	11.6 (23)	3,053	16.5 (29)	12.0 (13)	3,851	9.9 (40)
Gratiot	805	7.7 (28)	8.1 (38)	3,874	6.9 (65)	2.9 (31)	14.7 (70)	1,854	18.9 (65)	15.5 (60)	2,432	5.3 (17)
Hillsdale	721	8.2 (40)	7.1 (19)	3,897	6.4 (49)	3.6 (48)	13.0 (41)	1,895	18.9 (65)	16.4 (74)	2,705	4.4 (11)
Houghton	611	4.9 (2)	10.3 (69)	2,777	6.8 (63)	3.0 (35)	10.2 (10)	1,305	16.9 (35)	9.6 (2)	1,606	5.0 (15)
Huron	611	6.2 (7)	10.6 (74)	2,831	4.8 (12)	4.2 (65)	11.1 (15)	1,322	16.9 (35)	12.0 (13)	1,759	8.7 (34)
Ingham	3,787	8.7 (55)	7.2 (20)	19,532	6.1 (43)	2.7 (24)	13.2 (46)	8,839	17.4 (46)	14.0 (39)	12,658	11.3 (52)

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(4) Rank compares this county's rate to other counties. Rank 1 = best rate.

(5) Infants born during the reporting period included in the analysis.

(6) Based on 2000 CDC growth chart percentiles for length-for-age for children under 2 years of age and height-for-age for children 2 years of age and older.

(7) Based on 2000 CDC growth chart percentiles for weight-for-length for children under 2 years of age and BMI-for-age for children 2 years of age and older. 85th - < 95th percentile category identifies overweight children and ≥ 95th percentile category identifies obese children.

(8) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.

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Table 6B
2007 - 2009 Pediatric Nutrition Surveillance (1)
Michigan
Comparison of Growth and Anemia Indicators by County
Children Aged < 5 Years (2)

Comparison of Growth and Anemia Indicators (3,4)													
County	Birthweight (5)			Height and Weight							Anemia Low Hb/Hct (8)		
	Low		High	Short Stature (6)			Under- weight (7)	Obese (7)	≥ 2 Yrs Over- weight (7)				
	Number	% <2500 g (Rank)	% >4000 g (Rank)	Number	% <5th (Rank)	% <5th (Rank)	% ≥95th (Rank)	Number	% 85th- (Rank)	% <95th (Rank)	% ≥95th (Rank)	Number	% (Rank)
Ionia	1,267	7.7 (28)	6.8 (14)	5,540	6.3 (46)	4.0 (61)	12.7 (40)	2,523	19.2 (68)	15.7 (68)		3,787	10.7 (47)
Iosco	399	7.0 (18)	8.8 (50)	1,786	6.6 (55)	4.9 (74)	15.0 (72)	798	19.8 (70)	13.2 (27)		1,119	17.1 (68)
Iron	248	7.7 (28)	7.7 (27)	984	5.0 (15)	2.5 (15)	12.4 (35)	463	16.2 (25)	13.6 (34)		646	5.7 (20)
Isabella	1,077	8.3 (48)	7.5 (25)	4,604	7.6 (78)	3.0 (35)	11.6 (23)	1,928	16.6 (31)	14.7 (52)		2,898	6.9 (29)
Jackson	3,576	8.2 (40)	8.0 (35)	14,141	5.5 (23)	4.6 (70)	10.5 (12)	5,956	16.1 (24)	12.9 (21)		6,298	10.8 (48)
Kalamazoo	4,613	10.2 (75)	7.3 (22)	19,664	6.4 (49)	5.2 (79)	14.1 (59)	8,881	16.9 (35)	14.4 (47)		12,849	22.6 (79)
Kalkaska	379	9.5 (69)	7.7 (27)	1,604	5.9 (36)	2.9 (31)	9.4 (5)	702	14.1 (4)	11.8 (10)		1,086	13.3 (59)
Kent	13,020	8.8 (56)	8.2 (44)	59,712	6.6 (55)	2.5 (15)	14.2 (61)	27,585	17.0 (41)	15.5 (60)		40,206	13.5 (60)
Lake	205	8.8 (56)	7.3 (22)	944	7.2 (71)	2.6 (21)	14.2 (61)	467	16.3 (26)	14.3 (46)		632	16.5 (66)
Lapeer	1,611	8.6 (54)	8.1 (38)	6,844	9.6 (83)	2.8 (27)	14.2 (61)	3,142	18.5 (59)	15.5 (60)		4,195	12.8 (56)
Leelanau	176	6.8 (14)	13.6 (82)	840	4.2 (6)	3.0 (35)	17.0 (79)	429	20.7 (76)	18.2 (79)		588	8.2 (32)

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(5) Infants born during the reporting period included in the analysis.

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Table 6B
2007 - 2009 Pediatric Nutrition Surveillance (1)
Michigan
Comparison of Growth and Anemia Indicators by County
Children Aged < 5 Years (2)

Comparison of Growth and Anemia Indicators												(3,4)	
County	Birthweight (5)			Height and Weight							Anemia Low Hb/Hct (8)		
	Low		High	Short Stature (6)			Under- weight (7)	Obese (7)	≥ 2 Yrs Over- weight (7)				
	Number	% <2500 g (Rank)	% >4000 g (Rank)	Number	% <5th (Rank)	% <5th (Rank)	% ≥95th (Rank)	Number	% 85th- (Rank)	% <95th (Rank)	% ≥95th (Rank)	Number	% (Rank)
Lenawee	1,590	8.2 (40)	6.8 (14)	6,494	8.4 (82)	4.5 (68)	13.9 (57)	2,736	17.9 (53)	16.0 (69)		3,533	10.0 (42)
Livingston	1,334	8.0 (38)	10.5 (73)	5,261	5.4 (21)	3.8 (56)	10.1 (9)	2,167	18.7 (64)	15.0 (57)		3,320	4.1 (8)
Luce	166	6.0 (6)	9.6 (61)	806	4.7 (9)	3.6 (48)	13.5 (54)	379	23.5 (83)	15.6 (67)		537	13.0 (57)
Mackinac	137	8.8 (56)	10.2 (66)	728	3.7 (2)	2.1 (8)	14.1 (59)	380	20.5 (75)	17.9 (78)		508	10.4 (44)
Macomb	9,837	9.8 (72)	6.2 (6)	32,440	6.6 (55)	2.3 (12)	13.7 (56)	10,826	15.6 (14)	12.9 (21)		19,445	18.3 (73)
Manistee	407	10.3 (76)	9.1 (54)	1,707	6.3 (46)	2.5 (15)	11.9 (31)	773	21.5 (79)	16.0 (69)		1,122	5.7 (20)
Marquette	1,045	7.3 (26)	9.4 (58)	4,227	5.2 (18)	1.5 (1)	12.6 (39)	1,912	20.1 (72)	12.4 (17)		2,548	6.8 (28)
Mason	625	8.5 (52)	9.3 (56)	2,670	6.5 (53)	2.0 (5)	11.8 (27)	1,251	19.9 (71)	14.9 (55)		1,794	10.4 (44)
Mecosta	826	7.7 (28)	8.8 (50)	3,603	4.7 (9)	3.0 (35)	9.2 (4)	1,673	16.3 (26)	9.6 (2)		2,380	11.5 (53)
Menominee	382	7.9 (37)	6.3 (8)	1,543	5.1 (16)	3.0 (35)	12.4 (35)	711	16.9 (35)	13.6 (34)		1,001	3.5 (6)
Midland	1,278	8.8 (56)	8.1 (38)	5,161	8.1 (81)	2.8 (27)	17.9 (82)	2,276	17.4 (46)	14.9 (55)		2,916	6.0 (22)

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Michigan
Comparison of Growth and Anemia Indicators by County
Children Aged < 5 Years (2)

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Comparison of Growth and Anemia Indicators												(3,4)	
County	Birthweight (5)			Height and Weight								Anemia Low Hb/Hct (8)	
	Low		High	Short Stature (6)			Under- weight (7)	Obese (7)	≥ 2 Yrs Over- weight (7)				
	Number	% <2500 g (Rank)	% >4000 g (Rank)	Number	% <5th (Rank)	% <5th (Rank)	% ≥95th (Rank)		Number	% 85th- <95th (Rank)	% ≥95th (Rank)	Number	% (Rank)
Missaukee	189	5.8 (5)	9.5 (59)	842	4.0 (5)	2.6 (21)	8.9 (3)		371	15.9 (18)	12.4 (17)	562	17.1 (68)
Monroe	2,336	7.1 (21)	7.2 (20)	8,293	7.3 (72)	2.7 (24)	11.8 (27)		3,040	16.9 (35)	13.2 (27)	4,751	9.9 (40)
Montcalm	1,178	6.6 (10)	8.0 (35)	5,575	5.8 (30)	3.8 (56)	11.2 (16)		2,587	16.0 (23)	10.3 (4)	3,720	5.1 (16)
Montmorenc	123	8.9 (63)	7.3 (22)	684	6.7 (59)	4.1 (63)	17.4 (80)		347	17.3 (44)	21.3 (83)	474	6.1 (24)
Muskegon	5,059	9.3 (67)	6.6 (11)	20,202	5.5 (23)	5.0 (75)	11.4 (20)		9,221	15.3 (12)	13.1 (24)	12,988	17.8 (71)
Newaygo	1,226	8.1 (39)	10.2 (66)	5,550	7.5 (76)	2.9 (31)	14.4 (68)		2,641	16.8 (33)	14.7 (52)	3,675	10.9 (50)
Oakland	11,793	9.8 (72)	6.6 (11)	47,430	5.7 (28)	3.3 (43)	11.3 (18)		19,857	16.5 (29)	13.8 (37)	30,767	14.6 (63)
Oceana	740	7.0 (18)	7.7 (27)	3,673	7.0 (68)	1.7 (2)	16.1 (76)		1,829	20.9 (77)	21.0 (81)	2,590	7.8 (31)
Ogemaw	428	6.8 (14)	11.7 (80)	1,829	6.6 (55)	2.3 (12)	15.2 (73)		808	20.4 (74)	16.3 (73)	1,188	10.6 (46)
Ontonagon	85	* *	* *	458	7.0 (68)	2.6 (21)	17.5 (81)		233	15.9 (18)	16.7 (75)	294	2.7 (2)
Osceola	472	8.3 (48)	11.2 (79)	2,150	5.4 (21)	3.7 (53)	11.3 (18)		1,020	15.9 (18)	14.0 (39)	1,493	22.0 (78)

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Comparison of Growth and Anemia Indicators (3,4)													
County	Birthweight (5)			Height and Weight							Anemia Low Hb/Hct (8)		
	Low		High	Short Stature (6)		Under- weight (7)	Obese (7)	≥ 2 Yrs Over- weight (7)					
	Number	% <2500 g (Rank)	% >4000 g (Rank)	Number	% <5th (Rank)	% <5th (Rank)	% ≥95th (Rank)	Number	% 85th- (Rank)	% <95th (Rank)	% ≥95th (Rank)	Number	% (Rank)
Oscoda	130	9.2 (66)	7.7 (27)	651	5.8 (30)	3.5 (47)	13.2 (46)	330	14.5 (6)	13.0 (23)		463	9.7 (39)
Otsego	428	6.8 (14)	10.0 (64)	2,369	4.9 (14)	3.4 (44)	12.5 (38)	1,201	17.9 (53)	13.2 (27)		1,729	4.7 (13)
Ottawa	1,636	7.1 (21)	10.2 (66)	7,266	4.7 (9)	3.7 (53)	11.2 (16)	3,402	14.7 (8)	10.4 (5)		4,699	21.4 (76)
Presque Is	153	6.5 (9)	8.5 (47)	765	2.2 (1)	3.8 (56)	9.8 (8)	402	14.2 (5)	10.4 (5)		509	10.0 (42)
Roscommon	415	6.7 (12)	7.0 (18)	1,905	7.5 (76)	2.5 (15)	13.2 (46)	886	18.5 (59)	15.5 (60)		1,309	7.5 (30)
Saginaw	4,705	11.3 (79)	6.2 (6)	19,477	5.6 (25)	3.0 (35)	14.3 (66)	9,642	17.8 (51)	14.8 (54)		14,060	14.8 (64)
Sanilac	789	7.7 (28)	4.3 (1)	3,447	3.9 (4)	5.1 (78)	7.4 (1)	1,613	12.6 (2)	9.2 (1)		2,359	3.3 (4)
Schoolcraf	178	11.8 (81)	10.7 (75)	821	3.7 (2)	8.2 (83)	8.5 (2)	400	14.0 (3)	11.5 (9)		507	18.3 (73)
Shiawassee	1,357	8.2 (40)	6.9 (17)	6,053	5.3 (19)	6.0 (82)	12.2 (32)	2,799	16.4 (28)	16.1 (72)		4,096	5.5 (18)
St Clair	2,918	9.0 (65)	6.4 (9)	11,731	5.9 (36)	5.9 (81)	10.9 (13)	5,073	15.1 (9)	11.8 (10)		7,899	14.1 (61)
St Joseph	1,557	7.2 (24)	6.7 (13)	7,482	6.1 (43)	4.7 (72)	16.4 (77)	3,441	20.1 (72)	21.2 (82)		4,926	11.5 (53)

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Rank compares this county's rate to other counties. Rank 1 = best rate.

(5) Infants born during the reporting period included in the analysis.

(6) Based on 2000 CDC growth chart percentiles for length-for-age for children under 2 years of age and height-for-age for children 2 years of age and older.

(7) Based on 2000 CDC growth chart percentiles for weight-for-length for children under 2 years of age and BMI-for-age for children 2 years of age and older. 85th - < 95th percentile category identifies overweight children and ≥ 95th percentile category identifies obese children.

(8) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.

* Percentages and ranks are not calculated if < 100 records are available for analysis after exclusions.

Table 6B
2007 - 2009 Pediatric Nutrition Surveillance (1)
Michigan
Comparison of Growth and Anemia Indicators by County
Children Aged < 5 Years (2)

Comparison of Growth and Anemia Indicators (3,4)												
County	Birthweight (5)			Height and Weight							Anemia Low Hb/Hct (8)	
	Low		High	Short Stature (6)		Under- weight (7)	Obese (7)	≥ 2 Yrs Over- weight (7)				
	Number	% <2500 g (Rank)	% >4000 g (Rank)	Number	% <5th (Rank)	% <5th (Rank)	% >95th (Rank)	Number	% 85th- <95th (Rank)	% >95th (Rank)	Number	% (Rank)
Tuscola	1,042	8.3 (48)	7.8 (32)	4,771	5.8 (30)	4.1 (63)	9.5 (7)	2,235	15.7 (15)	10.5 (7)	3,191	6.0 (22)
Van Buren	1,737	7.8 (34)	8.5 (47)	8,287	6.0 (41)	3.8 (56)	16.8 (78)	3,893	17.5 (49)	15.5 (60)	5,522	22.7 (80)
Washtenaw	3,714	9.5 (69)	7.6 (26)	15,073	5.3 (19)	4.8 (73)	11.7 (25)	6,119	15.9 (18)	13.5 (32)	9,142	23.1 (81)
Wayne	43,018	11.4 (80)	5.5 (4)	168,696	6.7 (59)	5.0 (75)	12.4 (35)	69,692	15.1 (9)	12.7 (20)	90,719	19.1 (75)
Wexford	1,000	8.5 (52)	9.3 (56)	4,236	5.6 (25)	2.1 (8)	10.4 (11)	1,892	17.8 (51)	13.3 (30)	2,847	16.9 (67)
Unknown Counties	202	12.9 (82)	8.4 (46)	973	6.8 (63)	4.5 (68)	15.2 (73)	367	12.5 (1)	13.1 (24)	948	30.7 (83)
Michigan	174,742	9.5	7.1	726,369	6.4	3.8	12.8	315,917	16.5	13.8	449,245	15.1

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Rank compares this county's rate to other counties. Rank 1 = best rate.

(5) Infants born during the reporting period included in the analysis.

(6) Based on 2000 CDC growth chart percentiles for length-for-age for children under 2 years of age and height-for-age for children 2 years of age and older.

(7) Based on 2000 CDC growth chart percentiles for weight-for-length for children under 2 years of age and BMI-for-age for children 2 years of age and older. 85th - < 95th percentile category identifies overweight children and ≥ 95th percentile category identifies obese children.

(8) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.

* Percentages and ranks are not calculated if < 100 records are available for analysis after exclusions.

Table 7B
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Michigan

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Comparison of Breastfeeding, TV Viewing, and Smoking in Household by County
Children Aged < 5 Years (3)

(2)

Comparison of Breastfeeding, TV Viewing, and Smoking in Household (4,5)										
	Breastfeeding (6)				Exclusive Breastfeeding (7)				≤2 Hours TV Viewing/Day (8)	Smoking in Household
County	Number	% Ever Breastfed	Number	% Breastfed At Least 6 Months	Number	% Breastfed At Least 12 Months	Number	% Breastfed At Least 3 Months	Number	% Breastfed At Least 6 Months
		(Rank)		(Rank)		(Rank)		(Rank)		(Rank)
Alcona	214	64.5 (19)	165	20.6 (13)	123	8.1 (61)	81	* *	75	* *
Alger	210	44.8 (79)	155	13.5 (67)	122	9.8 (38)	51	* *	50	* *
Allegan	6,999	60.7 (37)	5,202	16.9 (38)	4,569	10.0 (36)	2,312	19.8 (26)	2,134	7.0 (33)
Alpena	921	45.9 (77)	731	16.7 (40)	608	11.3 (22)	343	16.3 (42)	323	8.0 (25)
Antrim	334	65.6 (13)	257	15.2 (53)	240	9.6 (44)	93	* *	87	* *
Arenac	527	52.9 (60)	417	18.7 (26)	366	11.2 (23)	165	12.1 (62)	141	4.3 (58)
Baraga	290	52.8 (62)	235	12.3 (72)	196	6.6 (73)	118	22.9 (13)	114	7.0 (33)
Barry	1,358	54.4 (56)	1,132	15.5 (50)	835	10.1 (35)	623	18.0 (36)	593	6.1 (41)
Bay	2,959	52.9 (60)	2,317	12.0 (73)	1,812	6.1 (76)	920	11.0 (65)	818	3.3 (65)
Benzie	489	67.7 (10)	380	23.4 (8)	324	11.1 (24)	176	25.6 (7)	158	12.0 (6)
Berrien	4,629	46.9 (76)	3,701	13.2 (68)	2,972	8.9 (54)	1,507	13.7 (53)	1,454	5.2 (53)
Branch	1,696	59.1 (43)	1,262	18.0 (30)	1,012	10.4 (30)	723	18.4 (34)	630	7.5 (29)
Calhoun	4,733	50.5 (67)	3,456	10.8 (77)	2,631	5.1 (79)	1,962	9.0 (68)	1,760	3.5 (63)
									2,595	87.8 (37)
									5,030	7.5 (27)

(1) Reporting period is January 1 through December 31.

(2) TV Viewing and Smoking in Household data are not reported by all contributors.

(3) Analyses based on one record per child.

(4) Excludes records with unknown data or errors.

(5) Rank compares this county's rate to other counties. Rank 1 = best rate.

(6) Infants born during the reporting period included in the Ever Breastfed analysis. Infants who turned 6 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 6 Months analysis. Children who turned 12 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 12 Months analysis.

(7) The analysis includes infants who were ever breastfed and who turned that age during the reporting period by/on their date of visit.

(8) Children aged 2 years and older included in the analyses.

* Percentages and ranks are not calculated if < 100 records are available for analysis after exclusions.



Table 7B
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Michigan

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Comparison of Breastfeeding, TV Viewing, and Smoking in Household by County
Children Aged < 5 Years (3)

(2)

Comparison of Breastfeeding, TV Viewing, and Smoking in Household (4,5)														
	Breastfeeding (6)						Exclusive Breastfeeding (7)				≤2 Hours TV Viewing/Day (8)		Smoking in Household	
County	Number	% Ever Breastfed	Number	% Breastfed At Least 6 Months	Number	% Breastfed At Least 12 Months	Number	% Breastfed At Least 3 Months	Number	% Breastfed At Least 6 Months	Number	%	Number	%
		(Rank)		(Rank)		(Rank)		(Rank)		(Rank)		(Rank)		(Rank)
Cass	2,144	61.8 (29)	1,666	19.1 (23)	1,333	12.6 (11)	697	15.8 (44)	614	8.8 (17)	1,199	82.2 (66)	2,251	8.3 (34)
Charlevoix	633	69.8 (6)	484	26.7 (4)	417	15.1 (6)	214	31.8 (3)	202	10.9 (10)	297	87.9 (36)	574	8.5 (38)
Cheboygan	731	63.7 (25)	564	20.4 (14)	463	12.3 (16)	192	19.3 (30)	171	5.8 (46)	338	89.1 (29)	648	7.3 (26)
Chippewa	1,156	60.6 (38)	875	20.0 (16)	732	12.4 (14)	329	20.1 (24)	299	7.4 (31)	484	89.7 (24)	1,023	8.5 (38)
Clare	1,036	49.1 (71)	831	10.3 (80)	697	7.0 (70)	382	12.3 (60)	349	2.6 (67)	538	86.8 (42)	1,053	16.6 (77)
Clinton	1,132	64.2 (22)	928	19.8 (18)	686	13.1 (9)	417	20.6 (21)	396	8.1 (24)	498	86.7 (43)	1,044	5.6 (13)
Crawford	398	64.8 (16)	277	12.6 (71)	238	8.4 (59)	77	* *	70	* *	143	90.2 (18)	333	10.2 (59)
Delta	1,125	57.5 (50)	832	18.0 (30)	682	9.8 (38)	290	12.4 (58)	270	4.4 (57)	485	93.0 (5)	994	6.0 (19)
Dickinson	735	60.1 (40)	593	21.6 (12)	489	10.2 (34)	257	23.7 (12)	242	8.7 (18)	320	90.9 (12)	629	5.1 (7)
Eaton	1,806	64.7 (17)	1,376	19.9 (17)	999	9.7 (41)	785	18.0 (36)	731	6.6 (37)	942	85.8 (47)	1,907	5.5 (11)
Emmet	968	68.4 (8)	725	19.2 (22)	635	12.9 (10)	208	19.7 (27)	184	8.2 (22)	436	91.3 (10)	847	5.4 (10)
Genesee	13,992	41.1 (82)	10,343	7.9 (81)	7,629	4.8 (81)	4,328	7.3 (71)	3,975	2.5 (68)	4,953	81.2 (70)	11,342	7.2 (25)
Gladwin	733	58.9 (45)	576	13.7 (65)	513	10.3 (32)	186	17.7 (38)	177	5.6 (50)	422	83.6 (59)	774	21.2 (82)

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(4) Excludes records with unknown data or errors.

(5) Rank compares this county's rate to other counties. Rank 1 = best rate.

(6) Infants born during the reporting period included in the Ever Breastfed analysis. Infants who turned 6 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 6 Months analysis. Children who turned 12 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 12 Months analysis.

(7) The analysis includes infants who were ever breastfed and who turned that age during the reporting period by/on their date of visit.

(8) Children aged 2 years and older included in the analyses.

* Percentages and ranks are not calculated if < 100 records are available for analysis after exclusions.



Table 7B
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Comparison of Breastfeeding, TV Viewing, and Smoking in Household by County (2)
Children Aged < 5 Years (3)

Comparison of Breastfeeding, TV Viewing, and Smoking in Household (4,5)										
	Breastfeeding (6)				Exclusive Breastfeeding (7)				≤2 Hours TV Viewing/Day (8)	Smoking in Household
County	Number	% Ever Breastfed	Number	% Breastfed At Least 6 Months	Number	% Breastfed At Least 12 Months	Number	% Breastfed At Least 3 Months	Number	% Breastfed At Least 6 Months
		(Rank)		(Rank)		(Rank)		(Rank)		(Rank)
Gogebic	456	55.9 (53)	334	15.9 (47)	247	8.9 (54)	155	20.0 (25)	151	6.6 (37)
Gr Travers	2,263	78.7 (1)	1,771	31.3 (2)	1,450	22.3 (2)	685	33.3 (2)	659	11.8 (7)
Gratiot	1,294	61.4 (32)	1,026	20.1 (15)	813	12.2 (18)	428	21.7 (17)	395	8.4 (19)
Hillsdale	1,261	61.2 (34)	1,056	18.4 (29)	827	9.1 (48)	553	26.8 (5)	512	13.1 (4)
Houghton	933	73.0 (4)	717	34.3 (1)	535	21.7 (3)	323	33.4 (1)	291	15.1 (1)
Huron	952	53.2 (58)	722	12.9 (70)	555	9.7 (41)	357	18.5 (33)	319	5.3 (52)
Ingham	6,609	62.1 (28)	5,398	19.5 (19)	4,053	12.6 (11)	2,844	13.1 (55)	2,628	6.1 (41)
Ionia	1,973	52.1 (65)	1,524	14.2 (60)	1,274	9.0 (50)	605	18.7 (32)	580	10.3 (11)
Iosco	651	49.2 (69)	483	11.4 (75)	391	7.4 (65)	163	11.0 (65)	152	0.7 (70)
Iron	375	58.7 (46)	251	16.3 (44)	190	7.9 (63)	137	26.3 (6)	126	9.5 (14)
Isabella	1,778	65.2 (15)	1,388	19.4 (21)	1,088	10.8 (26)	545	19.1 (31)	520	8.3 (21)
Jackson	5,095	54.2 (57)	4,027	13.9 (61)	2,985	6.6 (73)	2,302	13.2 (54)	2,161	5.5 (51)
Kalamazoo	7,155	57.5 (50)	5,463	17.0 (37)	4,277	9.9 (37)	2,478	17.2 (39)	2,227	8.2 (22)

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(4) Excludes records with unknown data or errors.

(5) Rank compares this county's rate to other counties. Rank 1 = best rate.

(6) Infants born during the reporting period included in the Ever Breastfed analysis. Infants who turned 6 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 6 Months analysis. Children who turned 12 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 12 Months analysis.

(7) The analysis includes infants who were ever breastfed and who turned that age during the reporting period by/on their date of visit.

(8) Children aged 2 years and older included in the analyses.

* Percentages and ranks are not calculated if < 100 records are available for analysis after exclusions.



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Comparison of Breastfeeding, TV Viewing, and Smoking in Household by County
Children Aged < 5 Years (3)

(2)

Comparison of Breastfeeding, TV Viewing, and Smoking in Household (4,5)														
	Breastfeeding (6)						Exclusive Breastfeeding (7)				≤2 Hours TV Viewing/Day (8)		Smoking in Household	
County	Number	% Ever Breastfed	Number	% Breastfed At Least 6 Months	Number	% Breastfed At Least 12 Months	Number	% Breastfed At Least 3 Months	Number	% Breastfed At Least 6 Months	Number	%	Number	%
		(Rank)		(Rank)		(Rank)		(Rank)		(Rank)		(Rank)		(Rank)
Kalkaska	564	74.6 (3)	396	23.5 (7)	326	15.0 (7)	93	* *	88	* *	240	90.4 (15)	519	15.8 (74)
Kent	20,621	60.6 (38)	16,865	18.8 (25)	13,141	10.8 (26)	7,390	12.4 (58)	6,753	6.7 (36)	11,137	85.6 (49)	21,677	4.8 (4)
Lake	339	52.2 (64)	240	13.8 (62)	210	6.2 (75)	126	14.3 (51)	122	5.7 (48)	159	78.6 (75)	316	19.9 (79)
Lapeer	2,599	58.6 (47)	1,833	17.3 (35)	1,374	10.8 (26)	912	14.9 (48)	824	6.1 (41)	1,088	87.0 (38)	2,238	7.8 (30)
Leelanau	264	78.0 (2)	180	28.3 (3)	142	22.5 (1)	40	* *	40	* *	135	89.6 (25)	267	7.1 (24)
Lenawee	2,578	55.4 (54)	1,979	15.8 (49)	1,524	8.0 (62)	925	15.7 (45)	843	3.8 (60)	1,046	85.5 (50)	2,244	5.6 (13)
Livingston	2,128	66.4 (11)	1,409	18.5 (28)	1,218	10.3 (32)	647	21.3 (18)	613	7.7 (28)	852	88.8 (31)	1,843	4.9 (6)
Luce	271	59.4 (42)	225	16.4 (42)	183	11.5 (21)	86	* *	85	* *	113	90.3 (17)	237	8.4 (36)
Mackinac	223	68.2 (9)	181	22.7 (10)	169	12.4 (14)	77	* *	75	* *	133	89.5 (26)	230	11.3 (67)
Macomb	15,048	49.1 (71)	10,468	13.8 (62)	8,187	7.2 (67)	4,854	12.9 (56)	4,314	4.8 (54)	4,446	81.9 (67)	11,603	6.0 (19)
Manistee	613	61.8 (29)	451	14.4 (58)	403	8.7 (57)	157	19.7 (27)	146	6.2 (39)	249	90.4 (15)	512	7.8 (30)
Marquette	1,573	64.2 (22)	1,149	24.5 (6)	930	15.8 (5)	542	24.2 (9)	499	9.8 (12)	627	91.1 (11)	1,292	5.6 (13)
Mason	934	53.2 (58)	676	14.8 (57)	597	7.7 (64)	269	20.4 (22)	253	9.1 (16)	430	85.8 (47)	864	9.3 (47)

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(4) Excludes records with unknown data or errors.

(5) Rank compares this county's rate to other counties. Rank 1 = best rate.

(6) Infants born during the reporting period included in the Ever Breastfed analysis. Infants who turned 6 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 6 Months analysis. Children who turned 12 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 12 Months analysis.

(7) The analysis includes infants who were ever breastfed and who turned that age during the reporting period by/on their date of visit.

(8) Children aged 2 years and older included in the analyses.

* Percentages and ranks are not calculated if < 100 records are available for analysis after exclusions.



Table 7B
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Comparison of Breastfeeding, TV Viewing, and Smoking in Household by County
Children Aged < 5 Years (3)

(2)

Comparison of Breastfeeding, TV Viewing, and Smoking in Household (4,5)										
	Breastfeeding (6)				Exclusive Breastfeeding (7)				≤2 Hours TV Viewing/Day (8)	Smoking in Household
County	Number	% Ever Breastfed	Number	% Breastfed At Least 6 Months	Number	% Breastfed At Least 12 Months	Number	% Breastfed At Least 3 Months	Number	% Breastfed At Least 6 Months
		(Rank)		(Rank)		(Rank)		(Rank)		(Rank)
Mecosta	1,291	61.3 (33)	940	17.1 (36)	786	9.7 (41)	456	21.9 (14)	408	11.8 (7)
Menominee	563	48.1 (74)	399	10.5 (79)	343	6.7 (72)	196	14.8 (50)	176	4.5 (56)
Midland	1,976	65.7 (12)	1,434	15.3 (52)	1,143	9.0 (50)	604	24.5 (8)	586	9.2 (15)
Missaukee	295	68.5 (7)	248	14.9 (56)	211	9.5 (45)	101	21.8 (15)	91	* *
Monroe	3,705	52.8 (62)	2,926	13.8 (62)	2,129	7.2 (67)	1,368	13.8 (52)	1,254	6.1 (41)
Montcalm	1,938	58.6 (47)	1,501	16.4 (42)	1,193	8.9 (54)	663	18.4 (34)	623	7.9 (26)
Montmorenc	207	64.3 (21)	168	17.9 (33)	152	13.2 (8)	76	* *	69	* *
Muskegon	7,492	47.5 (75)	5,287	11.8 (74)	4,718	6.8 (71)	2,492	12.5 (57)	2,258	4.3 (58)
Newaygo	1,951	62.8 (27)	1,396	17.7 (34)	1,264	9.1 (48)	614	20.7 (20)	578	7.4 (31)
Oakland	18,545	48.2 (73)	13,968	16.2 (45)	9,984	10.4 (30)	6,588	14.9 (48)	6,018	6.2 (39)
Oceana	1,222	61.0 (36)	924	21.8 (11)	800	12.5 (13)	406	15.0 (47)	373	7.8 (27)
Ogemaw	657	52.1 (65)	491	13.6 (66)	392	7.1 (69)	154	12.3 (60)	144	2.1 (69)
Ontonagon	133	65.4 (14)	102	16.7 (40)	95	* *	40	* *	39	* *

(1) Reporting period is January 1 through December 31.

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(3) Analyses based on one record per child.

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(6) Infants born during the reporting period included in the Ever Breastfed analysis. Infants who turned 6 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 6 Months analysis. Children who turned 12 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 12 Months analysis.

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Table 7B
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Comparison of Breastfeeding, TV Viewing, and Smoking in Household by County (2)
Children Aged < 5 Years (3)

Comparison of Breastfeeding, TV Viewing, and Smoking in Household (4,5)														
	Breastfeeding (6)						Exclusive Breastfeeding (7)				≤2 Hours TV Viewing/Day (8)		Smoking in Household	
County	Number	% Ever Breastfed	Number	% Breastfed At Least 6 Months	Number	% Breastfed At Least 12 Months	Number	% Breastfed At Least 3 Months	Number	% Breastfed At Least 6 Months	Number	%	Number	%
		(Rank)		(Rank)		(Rank)		(Rank)		(Rank)		(Rank)		(Rank)
Osceola	743	63.3 (26)	597	15.4 (51)	477	7.3 (66)	281	16.7 (41)	261	6.9 (35)	395	88.4 (34)	753	14.1 (73)
Oscoda	193	49.2 (69)	157	4.5 (83)	137	5.1 (79)	64	* *	58	* *	96	* *	179	24.0 (83)
Otsego	789	64.4 (20)	651	16.0 (46)	544	9.0 (50)	280	19.6 (29)	263	6.1 (41)	402	89.1 (29)	780	10.0 (57)
Ottawa	2,555	64.7 (17)	1,841	23.4 (8)	1,657	11.6 (20)	835	28.3 (4)	789	13.2 (3)	1,491	89.8 (21)	2,801	4.4 (3)
Presque Is	227	59.0 (44)	185	19.5 (19)	147	10.9 (25)	51	* *	39	* *	126	90.5 (13)	228	21.1 (81)
Roscommon	665	61.7 (31)	542	15.9 (47)	457	9.2 (47)	232	15.9 (43)	223	5.8 (46)	313	88.5 (33)	621	12.9 (72)
Saginaw	7,117	44.7 (80)	4,811	7.7 (82)	4,048	4.2 (82)	2,235	7.4 (70)	1,974	3.4 (64)	3,244	80.5 (72)	6,448	10.1 (58)
Sanilac	1,203	55.1 (55)	915	11.1 (76)	690	6.1 (76)	372	15.1 (46)	350	3.7 (61)	510	84.3 (53)	1,083	9.8 (51)
Schoolcraf	291	50.2 (68)	221	18.6 (27)	179	12.3 (16)	108	20.4 (22)	103	12.6 (5)	120	86.7 (43)	247	18.2 (78)
Shiawassee	2,087	58.2 (49)	1,640	13.2 (68)	1,406	8.5 (58)	617	10.9 (67)	599	3.2 (66)	1,011	89.8 (21)	1,987	9.8 (51)
St Clair	4,351	45.7 (78)	3,419	10.8 (77)	2,764	5.5 (78)	1,295	11.5 (64)	1,256	4.8 (54)	1,776	85.2 (51)	3,696	10.7 (65)
St Joseph	2,597	56.4 (52)	1,905	14.4 (58)	1,634	8.3 (60)	870	12.1 (62)	771	5.7 (48)	1,379	82.5 (64)	2,659	8.2 (33)
Tuscola	1,646	60.1 (40)	1,206	15.2 (53)	988	9.0 (50)	445	21.8 (15)	424	9.7 (13)	732	83.7 (58)	1,486	9.4 (48)

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Comparison of Breastfeeding, TV Viewing, and Smoking in Household by County (2)
Children Aged < 5 Years (3)

Comparison of Breastfeeding, TV Viewing, and Smoking in Household (4,5)									
	Breastfeeding (6)			Exclusive Breastfeeding (7)			≤2 Hours TV Viewing/Day (8)	Smoking in Household	
County	Number	% Ever Breastfed (Rank)	Number % Breastfed At Least 6 Months (Rank)	Number % Breastfed At Least 12 Months (Rank)	Number % Breastfed At Least 3 Months (Rank)	Number % Breastfed At Least 6 Months (Rank)	Number % (Rank)	Number % (Rank)	
Van Buren	2,832	61.1 (35)	2,143 18.9 (24)	1,811 9.8 (38)	934 16.9 (40)	843 7.5 (29)	1,632 85.9 (46)	3,069 7.6 (29)	
Washtenaw	6,260	64.1 (24)	4,634 26.1 (5)	3,370 17.3 (4)	1,983 20.8 (19)	1,766 11.7 (9)	2,553 81.2 (70)	5,574 10.6 (64)	
Wayne	68,346	42.5 (81)	45,957 15.1 (55)	38,196 10.8 (26)	22,136 8.5 (69)	20,238 3.7 (61)	25,021 71.9 (79)	57,158 9.1 (45)	
Wexford	1,558	70.2 (5)	1,166 16.9 (38)	918 9.3 (46)	540 23.9 (10)	501 8.4 (19)	664 90.2 (18)	1,330 9.8 (51)	
Unknown Counties	594	36.7 (83)	339 18.0 (30)	235 11.9 (19)	138 23.9 (10)	118 13.6 (2)	167 78.4 (76)	356 8.4 (36)	
Michigan	274,527	52.0	201,805 15.8	161,280 9.7	92,303 13.6	84,586 5.8	119,260 81.6	251,189 7.9	

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